

Memorandum

To: Tony Blackman
From: Terri Beale
Date: 9/6/01
Re: Search Request – 09/383,738

Attached, please find the results of your search request 09/383,738. Please feel free to contact me if you have additional questions or concerns, or if you would like a refocus. Thank you and have a great day.

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TITLE: WINDOW SYSTEM, COMPUTER SYSTEM, AND WINDOW DISPLAY METHOD

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ABSTRACT:

PROBLEM TO BE SOLVED: To maintain display contents which were displayed before the size of a window is changed even after the change by managing the display contents with vector data.

SOLUTION: An external position specifying process part 12 divides the whole screen including all windows into several parts and manages them. When there are the windows in sections corresponding to the divided and managed parts, the

depression of a button of a position specifying device 4 which correspond to the section is detected when the button is pressed, and an indication is sent to a screen display management part 13 so that the window screen linked with the button is enlarged and displayed. When a window screen whose display is managed with a vector is varied in size, a management part 13 acquires the varied size. On the basis of the acquired result, the size of display vector data stored in a vector data storage part 14 is varied by a vector conversion part 16. Consequently, while the display contents of the window screen are held, the size of the window is varied.

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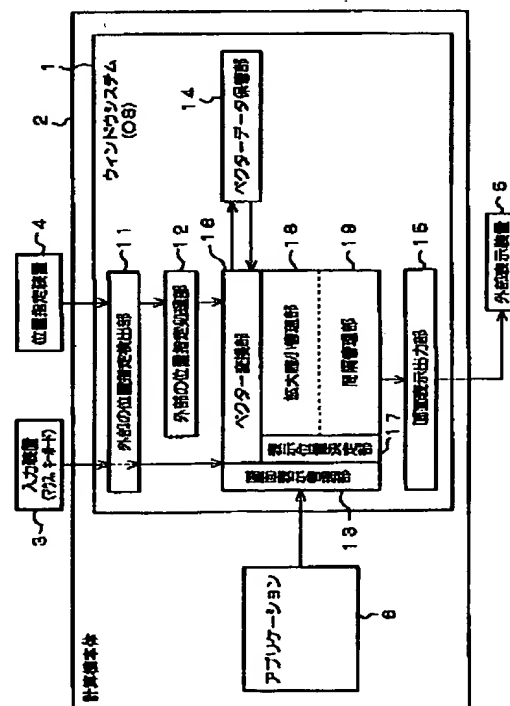
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(54) 【発明の名称】 ウィンドウシステム及び計算機システム並びにウインドウ表示方法

(57) 【要約】

【課題】 本発明は、ウィンドウの大きさを変更しても、変更前に表示されていた内容を維持することを可能とする。

【解決手段】 計算機システムに組み込まれており、かつ、計算機システムの画面上にウィンドウ表示を行うウィンドウシステムにおいて、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベクターデータの大きさを変更することによりウィンドウの変更と同じ割合で前記表示内容の大きさを変更するウィンドウシステム。



【特許請求の範囲】

【請求項1】 計算機システムに組み込まれており、かつ、前記計算機システムの画面上にウィンドウ表示を行うウィンドウシステムにおいて、

前記ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、前記ウィンドウの大きさを変更するときには、前記ベクターデータの大きさを変更することにより前記ウィンドウの変更と同じ割合で前記表示内容の大きさを変更することを特徴とするウィンドウシステム。

【請求項2】 画面上にウィンドウ表示を行う計算機システムにおいて、

前記画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を前記区画単位で指定する入力手段と、

前記入力手段により指定された位置に存在するウィンドウを、前記画面の前面に表示させる画面表示管理手段とを備えたことを特徴とする計算機システム。

【請求項3】 前記表示管理手段は、前記ウィンドウを画面の前面に表示する際、当該ウィンドウを拡大すること

を特徴とする請求項2記載の計算機システム。

【請求項4】 前記表示管理手段は、複数のウィンドウを画面の前面に表示する際、ウィンドウ同士が重ならないように、ウィンドウの位置及び拡大率を調整すること

を特徴とする請求項2又は3記載の計算機システム。

【請求項5】 画面上にウィンドウ表示を行うウィンドウシステムが組み込まれた計算機システムにおいて、前記画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を前記区画単位で指定する入力手段を備え、

前記ウィンドウシステムは、

前記ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、前記ウィンドウの大きさを変更するときには、前記ベクターデータの大きさを変更することにより前記ウィンドウの変更と同じ割合で前記表示内容の大きさを変更する手段と、

前記入力手段により指定された位置に存在するウィンドウを、前記画面の前面に表示させる手段とを有することを特徴とする計算機システム。

【請求項6】 画面上にウィンドウ表示を行う計算機システムにおいて、

前記画面を分割する複数の区画の各々に対応した複数の入力部により、前記画面上の位置を指定する入力手段と、

前記入力手段により指定された位置に存在するウィンドウを、前記画面の前面に表示させる画面表示管理手段とを備えたことを特徴とする計算機システム。

【請求項7】 計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、

前記ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理

し、前記ウィンドウの大きさを変更するときには、前記ベクターデータの大きさを変更することにより前記ウィンドウの変更と同じ割合で前記表示内容の大きさを変更することを特徴とするウィンドウ表示方法。

【請求項8】 計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、

前記画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を前記区画単位で指定するステップと、

前記画面上の指定された位置に存在するウィンドウを、前記画面の前面に表示させるステップとを有することを特徴とするウィンドウ表示方法。

【発明の詳細な説明】

【0001】

【発明の属する技術分野】本発明は、ウィンドウ表示を行うウィンドウシステム及び計算機システム並びにウィンドウ表示方法に関するものである。

【0002】

【従来の技術】近年、計算機システムにおける画面表示は複数のウィンドウを用いて行われるのが一般的になっている。かかるウィンドウの表示を行うウィンドウシステムは、少なくとも1つ以上のアプリケーションを1つの物理的な表示装置上に同時表示及び混在表示可能な表示システムである。

【0003】ウィンドウを用いることにより、画面に表示されたアプリケーション内容が見易くなり、その表示内容の取り扱いも容易になる。つまり、ウィンドウ表示は、計算機システムにおいて、表示に関する取り扱い、使い勝手を向上させるものである。

【0004】

【発明が解決しようとする課題】しかしながら、従来の計算機システムにおけるウィンドウ表示方法では、ウィンドウの大きさを変更しても例えば文字の大きさなどがそのままでは、ウィンドウの大きさに応じて当該ウィンドウが表示できる内容量も変ることとなる。このような場合、参照したいデータが見えなくなるということもしばしば生じる。

【0005】特に、ウィンドウ大きさ変更に伴う各ウィンドウのタイトルバーやメニューバーの大きさ変更により、当該タイトル内容等が著しく見にくくなることがある。つまり、従来の表示方法では、ウィンドウ表示を小さくした場合に、タイトル内容やメニュー内容を示す文字等のすべてを表示できないこととなる。

【0006】一方、他のウィンドウの後ろに隠れたウィンドウを画面の前面に表示させたい場合がある。このとき、従来の方法では、1つ1つのウィンドウを移動させたり消去したりする等のウィンドウ操作を行うことで目的のウィンドウを全面に表示させている。しかし、この

ようなウィンドウ操作は、面倒で手間のかかるものであり、作業効率を低下させる要因となっていた。

【0007】本発明は、このような実情を考慮してなされたもので、その第1の目的は、ウィンドウの大きさを変更しても、変更前に表示されていた内容を維持させることが可能なウィンドウシステム及びウィンドウ表示方法を提供することにある。

【0008】また、第2の目的は、簡易な操作で、画面の後ろに隠れているウィンドウを画面の前面に表示させることが可能な計算機システム及びウィンドウ表示方法を提供することにある。

【0009】さらに、第3の目的は、いくつかのウィンドウを前面に拡大表示させた際、拡大されたウィンドウ同士が重ならないように表示させることが可能な計算機システムを提供することにある。

【0010】

【課題を解決するための手段】上記課題を解決するために、請求項1に対応する発明は、計算機システムに組み込まれており、かつ、計算機システムの画面上にウィンドウ表示を行うウィンドウシステムにおいて、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベクターデータの大きさを変更することによりウィンドウの変更と同じ割合で前記表示内容の大きさを変更するウィンドウシステムである。

【0011】また、請求項2に対応する発明は、画面上にウィンドウ表示を行う計算機システムにおいて、画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置を区画単位で指定する入力手段と、入力手段により指定された位置に存在するウィンドウを、画面の前面に表示させる画面表示管理手段とを備えた計算機システムである。

【0012】さらに、請求項3に対応する発明は、請求項2に対応する発明において、表示管理手段は、ウィンドウを画面の前面に表示する際、当該ウィンドウを拡大する計算機システムである。

【0013】次に、請求項4に対応する発明は、請求項2又は3に対応する発明において、表示管理手段は、複数のウィンドウを画面の前面に表示する際、ウィンドウ同士が重ならないように、ウィンドウの位置及び拡大率を調整する計算機システムである。

【0014】さらに、請求項5に対応する発明は、画面上にウィンドウ表示を行うウィンドウシステムが組み込まれた計算機システムにおいて、画面を分割する複数の区画に対応した入力を行うことにより、画面上の位置を前記区画単位で指定する入力手段を備え、ウィンドウシステムは、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベク

ターデータの大きさを変更することによりウィンドウの変更と同じ割合で前記表示内容の大きさを変更する手段と、入力手段により指定された位置に存在するウィンドウを、画面の前面に表示させる手段とを有する計算機システムである。

【0015】また、請求項6に対応する発明は、画面上にウィンドウ表示を行う計算機システムにおいて、画面を分割する複数の区画の各々に対応した複数の入力部により、画面上の位置を指定する入力手段と、入力手段により指定された位置に存在するウィンドウを、画面の前面に表示させる画面表示管理手段とを備えた計算機システムである。

【0016】次に、請求項7に対応する発明は、計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、ウィンドウのタイトル表示部分及びメニュー表示部分を含むウィンドウ表示内容をベクターデータで管理し、ウィンドウの大きさを変更するときには、ベクターデータの大きさを変更することによりウィンドウの変更と同じ割合で表示内容の大きさを変更するウィンドウ表示方法である。

【0017】また、請求項8に対応する発明は、計算機システムの画面上にウィンドウ表示を行うウィンドウ表示方法において、画面を分割する複数の区画に対応した入力を行うことにより、画面上の位置を区画単位で指定するステップと、画面上の指定された位置に存在するウィンドウを、画面の前面に表示させるステップを有するウィンドウ表示方法である。

〈作用〉したがって、まず、請求項1及び7に対応する発明のウィンドウシステムにおいては、ウィンドウ表示内容がベクターデータつまりベクトルのデータによって管理されているので、そのウィンドウ拡大縮小に合せて内容自体の大きさも変更可能である。そして、ウィンドウの大きさ変更時にタイトル表示やメニュー表示をも合せて拡大縮小し、その情報の漏れなどが生じないようにしている。

【0018】次に、請求項2及び8に対応する発明の計算機システムにおいては、画面を分割する複数の区画に対応した入力を行うことにより、前記画面上の位置が区画単位で指定されるようになっている。

【0019】そして、画面表示管理手段により、指定された位置に存在するウィンドウが画面の前面に表示される。また、請求項3に対応する発明の計算機システムにおいては、請求項2に対応する発明と同様に作用する他、ウィンドウを画面の前面に表示する際、当該ウィンドウが拡大される。

【0020】次に、請求項4に対応する発明の計算機システムにおいては、請求項2又は3に対応する発明と同様に作用する他、複数のウィンドウを画面の前面に表示する際、ウィンドウ同士が重ならないように、ウィンドウの位置及び拡大率が調整される。したがって、後ろに

隠れた所望のウィンドウを前面に出しつつ、指定位置で当初表に表示されているウィンドウについて前面での表示を維持することができる。また、請求項5に対応する発明の計算機システムにおいては、請求項1及び2に対応する発明と同様に作用する。

【0021】

【発明の実施の形態】以下、本発明の実施の形態について説明する。

(発明の第1の実施の形態) 図1は本発明の第1の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図である。

【0022】この計算機システムは、ウィンドウシステム1が組み込まれた計算機本体2に入力装置3及び位置指定装置4とCRT等からなる外部表示装置5とが接続されてなっている。

【0023】計算機本体2は、パソコンやワークステーション等からなり、上記ウィンドウシステムの他、所定の目的を達成するためのアプリケーションプログラムを少なくとも1つ有している。

【0024】入力装置3は、マウスやキーボードからなり、通常のテキスト入力等やウィンドウ画面上の位置指定入力等を行うためのものである。位置指定装置4は、外部表示装置の画面を区画分けしたときの区画に対応するようなキー配列を持つテンキー状のキー入力装置、もしくはタブレットのような入力装置である。なお、以下、位置指定装置4における区画に対応する入力部分をボタンと呼び、例えばキー入力装置の場合、区画に対応する各キーがボタンに相当する。

【0025】ウィンドウシステム1は、少なくとも1つ以上のアプリケーションを1つの物理的な表示装置上に同時表示及び混在表示可能な表示システムであり、本実施の形態においてはオペレーションシステムとしても機能している。

【0026】また、このウィンドウシステム1には、入力装置3及び位置指定装置4からの入力を検出する外部の位置指定検出部11と、外部の位置指定処理部12と、画面表示管理部13と、ベクターデータ保管部14と、画面表示出力部15とが設けられている。

【0027】外部の位置指定処理部12は、位置指定装置4からの入力があったときに、外部の位置指定検出部11にて検出された画面上の区画の情報に基づき、その区画上のウィンドウを画面前面の拡大表示するように画面表示管理部13に指示する。

【0028】つまり、外部の位置指定処理部12は、全てのウィンドウを含む画面全体をいくつかの部分に分割管理するものである。分割管理されるそれぞれの部分に対応する区画にウィンドウがある場合、その区画に対応する位置指定装置4のボタンが押されるとこれを検出し、当該ボタンとリンクされたウィンドウ画面を前面に拡大表示させるよう画面表示管理部13に指示する。

【0029】画面表示管理部13は、各ウィンドウ画面をベクターデータで管理し、外部の位置指定検出部11又は外部の位置指定処理部12からの入力に基づき、ウィンドウをベクターデータとして画面表示する。

【0030】また、ウィンドウへの表示データをベクター変換し、画面に対応しているボタン操作によるウィンドウの選択および拡大配置処理を行うため、画面表示管理部13には、ベクター変換部16と表示位置決定部17とが設けられている。さらに、表示位置決定部17には拡大縮小管理部18と間隔管理部19とが設けられている。

【0031】ベクター変換部16は、アプリケーション6が作成したウィンドウに表示する内容をベクターデータ(ベクトルデータ)に変換し、ベクターデータ保管部14に保管し、また、ウィンドウ画面の表示を変更するときに、ベクターデータ保管部14から該当するベクターデータを取り出す。

【0032】さらに、ベクター変換部16は、変換したベクターデータをウィンドウシステムで管理している画面内の対応する区画とリンクさせる。表示位置決定部17は、外部の位置指定処理部12にて指定された区画(ボタン)上にあるウィンドウを所定の拡大率に拡大して前面表示すると共に、押されたボタン上に複数のウィンドウが存在し所定倍率では重なり合いが生じるときにはウィンドウ間の間隔・拡大縮小率を調整するようになっている。

【0033】拡大縮小管理部18は、ウィンドウ画面の拡大縮小率を管理し、間隔管理部19は、ウィンドウ画面間の間隔を調整する。また、上記構成では、ウィンドウシステム側の画面表示管理部13で各処理が実行されるため、アプリケーションレベルでの介入は無く、ウィンドウシステム側が備えた全自動機能となっている。

【0034】次に、以上のように構成された本発明の実施の形態に係るウィンドウシステムの動作について説明する。アプリケーション6の作成したウィンドウの表示データをベクターデータとして表示し、さらに、画面に対応したボタンを押した場合におけるウィンドウの拡大表示および配置について図2～図8に沿って説明する。

【0035】図2及び図3は本実施の形態のウィンドウシステムの動作を示す流れ図である。図4は本実施の形態のウィンドウシステムの動作を示す説明図である。

【0036】まず、図2のステップST1において、ウィンドウシステム1下で動作するアプリケーション6の表示データ21を、図4に示すようにウィンドウシステム1の画面表示管理部13でベクターデータに変換し、さらに画面表示をベクターで管理し外部表示装置5の表示画面にウィンドウ画面22として表示する。

【0037】さらに、そのウィンドウをウィンドウシステム1で管理している画面の対応する区画と対応づけさせる(ST2)。このように表示されたウィンドウ画面

22の大きさを変更する場合について説明する。

【0038】図5は本実施の形態におけるウィンドウの大きさ変更の様子を示す図である。ここで図5(b)、(c)は、図5(a)のウィンドウ画面をマウス等の入力によりその大きさを変更した結果を示している。

【0039】ベクターで表示を管理しているウィンドウ画面22に対して、ウィンドウの大きさの変更を行うと、画面表示管理部13が変更された大きさを取得する。そして、取得した結果を基にして、ベクターデータ保管部14に保管される表示ベクターデータの大きさをベクター変換部16にて変更する。

【0040】これにより、図5(b)、(c)のウィンドウ画面23、24に示すように、ウィンドウ画面22の表示内容が維持されたまま、ウィンドウの大きさが変更される。

【0041】すなわち、ウィンドウがどのような大きさに変更されたとしても、タイトルバー22a、23a、24aもしくはメニューバー含めてウィンドウに表示されるデータの大きさも変更され、表示内容を維持する。つまり、タイトルバーの大きさが小さくなくてもそのタイトル表示文字等が非表示となることはない。

【0042】次に、図2のステップST3において、位置指定装置4により入力があり、ウィンドウ画面が存在する区画が指定されると、すなわち対応するボタンが押されると、画面表示管理部13は、該当する画面の位置に存在しているウィンドウを画面の前面に移動させ、ウィンドウの大きさを拡大する(ST6)。この時の様子を図6、図7を用いて説明する。

【0043】図6は本実施の形態における表示画面と位置指定装置4のボタンとの対応関係を示す図である。図7は本実施の形態においてあるボタンが押されたときのウィンドウ画面の表示状態の変化を示す図である。

【0044】図6において、外部表示装置5の画面は、区画25に分割されているが、この各区画25は位置指定装置4のキーつまりボタン26にそれぞれ対応している。同図において例えば区画25aがボタン26aに対応している。従って、ウィンドウ画面22は、ボタン26b、26c、26d、26e、26f、26gと対応付けられている。

【0045】図7(a)において、区画25bはウィンドウ画面22とのみ対応付けられている。したがって、区画25bに対応するボタン26bが押されると、ボタンにより指定された区画にはウィンドウがあると判定され(図2:ST4)、さらに当該区画には1つのウィンドウがあると判定されて(図2:ST5)、当該ウィンドウ画面は、同図(b)に示すように画面前面に、つまりウィンドウ画面27の前に拡大表示される(図2:ST6)。

【0046】このとき、ウィンドウの表示データはベクターデータで管理されているため、図5で説明したよう

にウィンドウの表示内容は維持される。次に、押されたボタンに対応する区画上に複数のウィンドウ画面が存在する場合について図8を用いて説明する。

【0047】図8は本実施の形態において、指定された区画上に複数のウィンドウ画面が存在するときの拡大表示の様子を示す図である。ここで、ボタンを押すことにより、指定した画面上の位置に、複数のウィンドウが存在した場合においては、該当する全てのウィンドウを画面の前面に移動させ、各ウィンドウを同時に拡大する。

【0048】図8に示す場合は、区画25hに対応するボタンが押されるとき、指定された区画25hに対応するウィンドウは、ウィンドウ画面22とウィンドウ画面29の2つである。

【0049】したがって、図2の流れ図においては、指定された位置に複数のウィンドウが存在することとなり(ST5)、複数のウィンドウが同時に画面の前面に拡大表示されることとなる(ST7)。

【0050】ここで、表示を拡大する前に、拡大することにより重なり合いを解消できるように、画面表示管理部13で、ウィンドウの大きさの変化に対してウィンドウ間の間隔を大きく取るように間隔及び拡大率を管理する。これにより、上記において、複数のウィンドウを拡大しても、ウィンドウ同士が重なり合わないよう、また既に重なっているウィンドウ同士を重なりを解消できるようにして、ウィンドウを配置し拡大表示する。

【0051】具体的には図2及び図3における以下の動作の通りとなる。まず、外部表示装置5上に実際に表示される前に、拡大されるウィンドウが重なり合っているか否かが調べられる(ST8)。このとき、重なり合っていないければそのまま表示され、重なり合っているときには表示位置決定部17の間隔管理部19によりウィンドウ画面間間隔が大きくされる(ST9)。

【0052】ウィンドウ画面間間隔が大きくされたときには、拡大されたウィンドウ同士が重なっているか否かが調べられる(ST10)。このとき、重なりが解消されていれば、データが画面表示出力部15に引き渡されて表示され、重なりが解消されていないければウィンドウの拡大率が拡大縮小管理部18により小さくされる(ST11)。

【0053】さらに、拡大率の変更されたウィンドウ同士が重なっているか否かが調べられる(ST12)。重なりが解消されていれば、データが画面表示出力部15に引き渡されて表示され、重なりが解消されていないければステップST9に戻る。

【0054】このようにして、最終的には、重なり合いのない拡大されたウィンドウ画面30、31が、図8(b)に示すように、前面に表示されることとなる。なお、図2～図3のステップST9～ステップST12に至るウィンドウの重なり合いを解消する動作は、図1中のベクター変換部16、ベクターデータ保管部14、拡

大縮小管理部18、間隔管理部19における諸動作が繰り返し実行されることで実現される。

【0055】上述したように、本発明の実施の形態に係るウィンドウシステム及び計算機システムは、ウィンドウの表示データをベクターデータに変換して表示し、ウィンドウの大きさの変化に合わせてベクターデータの大きさを変えて表示内容を拡大縮小するようにしたので、必要な時に必要なウィンドウの表示内容を維持したまま、ウィンドウの拡大や縮小を行うことができる。

【0056】したがって、例えば必要で無い時には表示する情報量を維持したままウィンドウの大きさを縮小でき、画面上の空きスペースを増やすことができるため、作業をしやすくすることができる。

【0057】また、本実施形態の計算機システムは、画面を区画に分割し、各区画に対するボタンで画面上を区画単位で位置指定してウィンドウを前面に拡大移動させるようにしたので、ボタンを1回押すだけで操作したいウィンドウを画面の前面に拡大表示することができる。

【0058】さらに、ボタンを押したところに複数のウィンドウが合っても、移動させるウィンドウ同士が重なり合わないよう、ウィンドウの表示位置及び拡大率を自動的に調整するので、1つ以上のウィンドウを同時に画面の前面に移動させ拡大表示することができる。

【0059】なお、位置指定装置4としては、本実施形態で説明したキー入力装置、タブレットの他、例えばタッチパネル等を用いてもよい。

(発明の第2の実施の形態) 本実施形態においては、指定された区画に複数のウィンドウがある時のウィンドウ拡大表示及び配置において、ウィンドウの表示位置を決める要素として、ある地点(定点)からウィンドウを見た時の角度差を使用した方法について説明する。

【0060】本実施の形態のウィンドウシステムは、このウィンドウの表示位置決定方法に対応する以外の部分は第1の実施形態の場合と同様に構成されている。図9は本発明の第2の実施の形態に係るウィンドウシステムにおける複数同時拡大表示の方法を説明する図である。

【0061】同図(a)に示すように、ボタンを押すことにより指定した画面上の区画25iに、複数のウィンドウが存在した場合においては、該当する全てのウィンドウを画面の前面に移動させ、各ウィンドウを同時に拡大する。

【0062】複数のウィンドウを同時に拡大する場合において、画面表示管理部13は表示の拡大により、ウィンドウ同士が重なり合わないよう、ウィンドウの大きさの変化の割合と、ある定点から測定したウィンドウ間の角度差32を管理する。つまり、重なり合いが発生した場合は角度差32を大きくし、重なり合いを回避する。

【0063】具体的には、図2の流れ図のステップST9において、ウィンドウ間の距離に代えて角度差32の

大小を調整することになる。図1の構成においては、間隔管理部19は角度差32の調整により間隔管理を行う。

【0064】さらに、表示を拡大する前に既に、ウィンドウ同士が重なり合っている場合においては、拡大することにより重なり合いを解消できるように、画面表示管理部13で、ウィンドウの大きさの変化よりも大きな割合で、ある定点から測定したウィンドウ間の角度差32を大きくすることにより、表示する位置と大きさを管理し、重なり合いを解除し表示の拡大を行う。

【0065】上述したように、本発明の実施の形態に係るウィンドウシステム及び計算機システムは、上記実施形態と同様の効果が得られる他、定点を基準としたウィンドウ間の角度をウィンドウの表示位置決定の要素として使用することにより、ウィンドウを大きくした時に、画面上の空きスペースを有効に使用することができ、さらに微妙な表示位置指定が可能になる。

(発明の第3の実施の形態) 図10は本発明の第3の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図であり、図1と同一部分には同一符号を付してその説明を省略する。

【0066】第1又は第2の実施の形態においては画面上の位置つまり区画を指定するのに、入力装置3と別途に設けた位置指定装置4を用いるようにしている。本実施形態では、位置指定装置4を省略し、マウス等の入力装置3により位置指定装置4と同等な入力をさせるようにしている。

【0067】例えばマウスによる入力において、クリックの仕方を変更することにより、外部表示装置5の画面上の区画を指定するようにする。また、例えばマウスのボタンのうち1つを区画指定用のボタンとしてもよい。

【0068】上述したように、本発明の実施の形態に係るウィンドウシステム及び計算機システムは、上記実施形態と同様の効果が得られる他、位置指定装置4を省略した簡便なシステムとすることができる。

【0069】なお、本発明は、上記各実施の形態に限定されるものでなく、その要旨を逸脱しない範囲で種々に変形することが可能である。また、実施形態に記載した手法は、コンピュータに実行させることができるプログラムとして、磁気ディスク(フロッピーディスク、ハードディスク等)、光ディスク(CD-ROM、DVD等)、半導体メモリ等の記憶媒体に格納して頒布することもできる。

【0070】なお、その頒布形態としては、実施形態に記載した手法をオペレーティングシステムに組み込んでパッケージソフトとして供給する場合、オペレーティングシステムに組み込み可能なドライバとしてメーカ、個人ユーザに提供する場合などが考えられる。

【0071】

【発明の効果】以上詳記したように本発明によれば、表

示内容をベクトルデータで管理するようにしたので、ウィンドウの大きさを変更しても、変更前に表示されていた内容を維持させることが可能なウィンドウシステム及びウィンドウ表示方法を提供することができる。

【0072】また、本発明によれば、画面を区画分割して、ボタンで画面上の位置を区画単位で指定するようにしたので、簡易な操作で、画面の後ろに隠れているウィンドウを画面の前面に表示させることが可能な計算機システム及びウィンドウ表示方法を提供することにある。

【0073】さらに、本発明によれば、複数ウィンドウの位置・拡大率調整をするようにしたので、いくつかのウィンドウを前面に拡大表示させた際、拡大されたウィンドウ同士が重ならないように表示させることが可能な計算機システムを提供することにある。

【図面の簡単な説明】

【図1】本発明の第1の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図。

【図2】同実施の形態のウィンドウシステムの動作を示す流れ図。

【図3】同実施の形態のウィンドウシステムの動作を示す流れ図。

【図4】同実施の形態のウィンドウシステムの動作を示す説明図。

【図5】同実施の形態におけるウィンドウの大きさ変更

の様子を示す図。

【図6】同実施の形態における表示画面と位置指定装置4のボタンとの対応関係を示す図。

【図7】同実施の形態においてあるボタンが押されたときのウィンドウ画面の表示状態の変化を示す図。

【図8】同実施の形態において、指定された区画上に複数のウィンドウ画面が存在するときの拡大表示の様子を示す図。

【図9】本発明の第2の実施の形態に係るウィンドウシステムにおける複数同時拡大表示の方法を説明する図。

【図10】本発明の第3の実施の形態に係るウィンドウシステムを適用した計算機システムの構成例を示すブロック図。

【符号の説明】

1…ウィンドウシステム

2…計算機本体

3…入力装置

4…位置指定装置

5…外部表示装置

11…外部の位置指定検出部

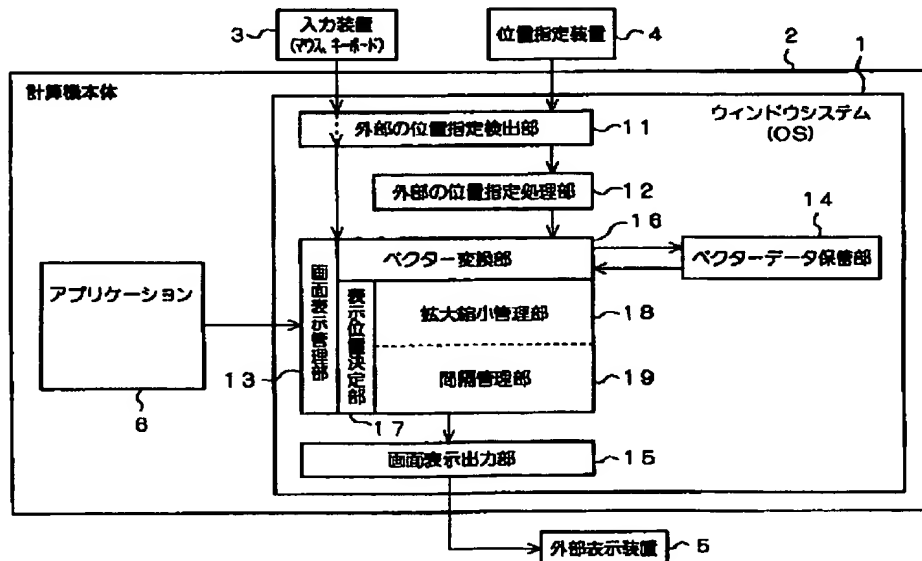
12…外部の位置指定処理部

13…画面表示管理部

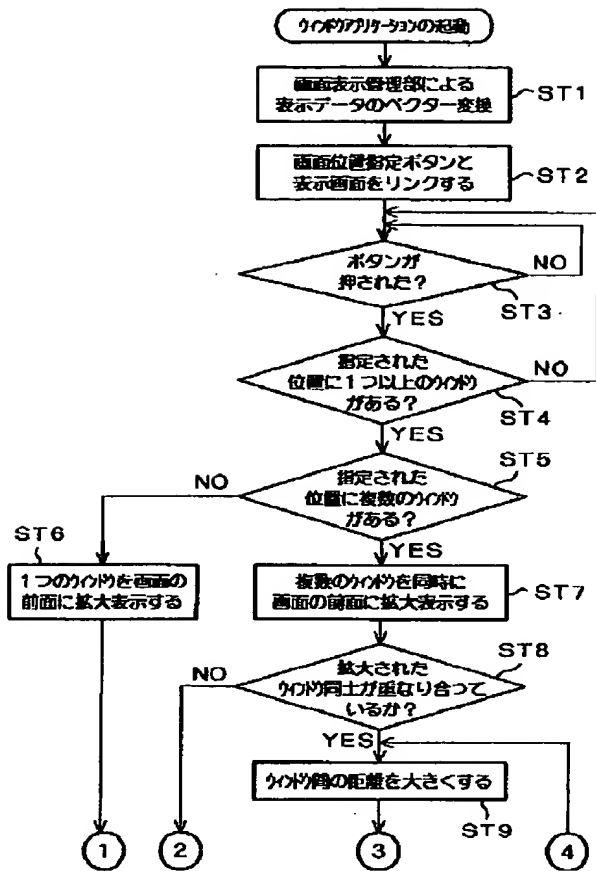
14…ベクターデータ保管部

15…画面表示出力部

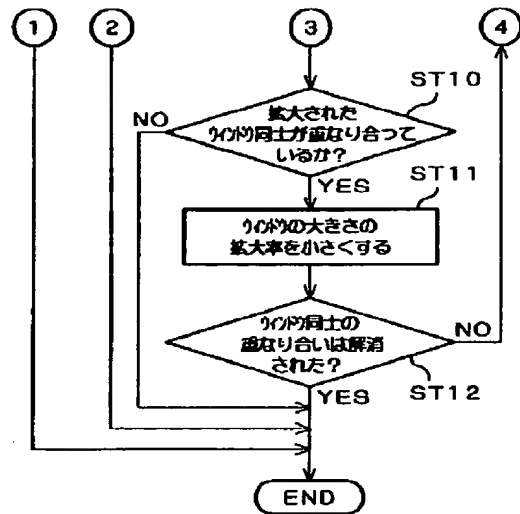
【図1】



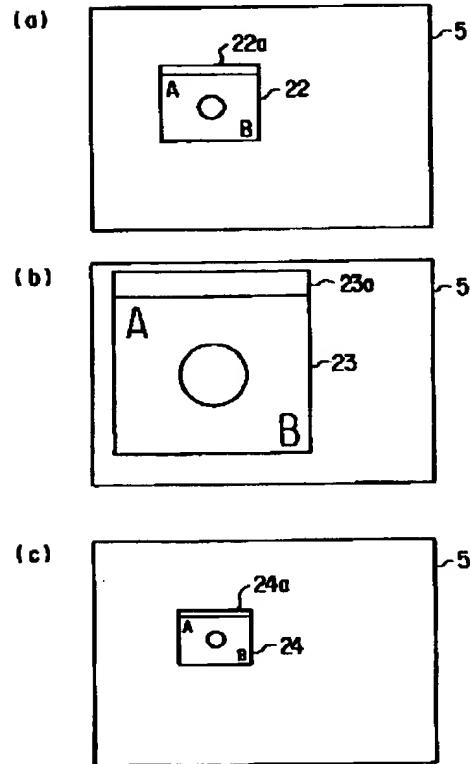
【図2】



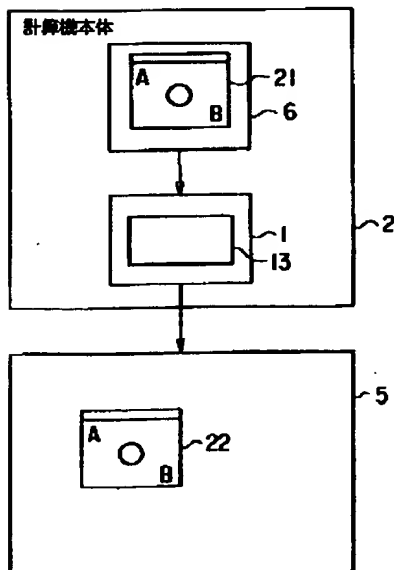
【図3】



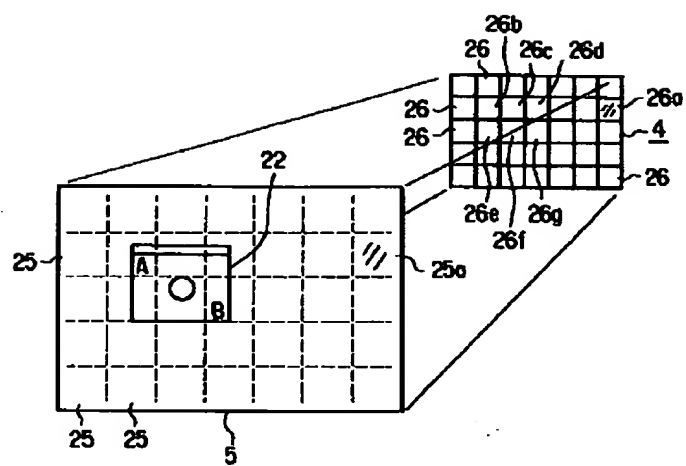
【図5】



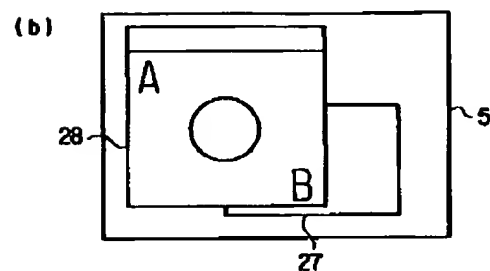
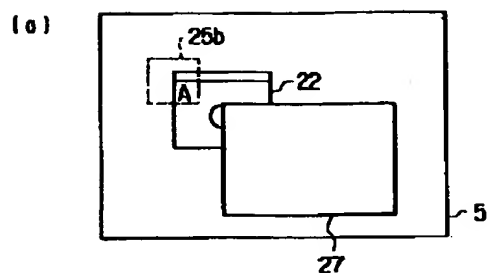
【図4】



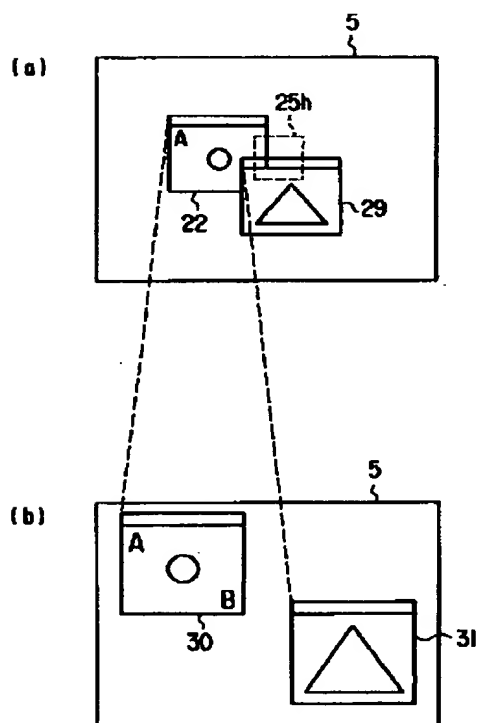
【図6】



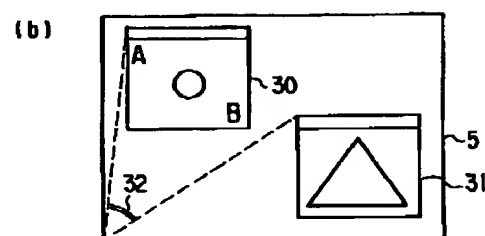
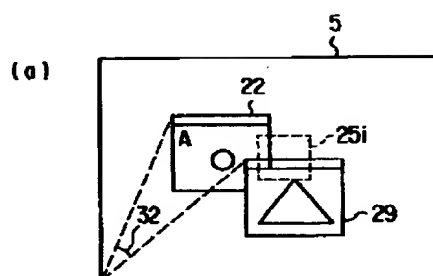
【図7】



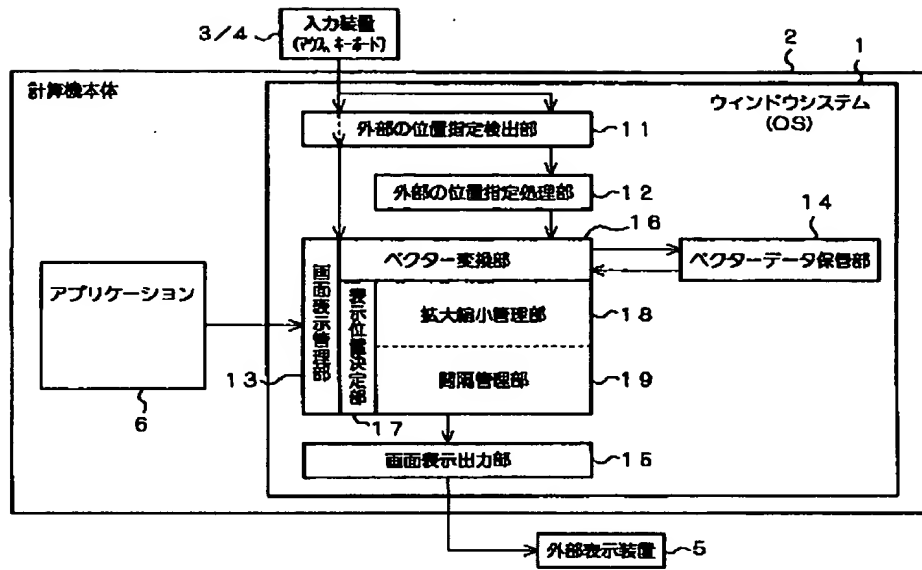
【図8】



【図9】



【図10】



File : TDB

SS Results

1	41723	RESIZ+ OR SIZ+ OR MAXIMI+ OR BIG+ OR LARGE+ OR ENLARG+ OR LENGT H+ OR STRETCH+ OR WIDTH? OR WIDE+ OR EXPAN+ OR INCREAS+ OR OVER SIZ+ OR PROPORTION+
2	17135	HEIGHT+ OR EXTEN+ OR DIMENSION+
3	53	WIDGET+
4	942	(DIALOG+ OR DATA OR TEXT+ OR INFORMATION OR MENU? OR ICON? OR S ELECTION+ OR OPTION?) 3D (BOX+ OR WINDOW?)
5	35619	COMPRESS+ OR LIMIT+ OR SHRINK+ OR REDUC+ OR DECREAS+ OR CONDENS + OR CONTRACT+ OR DIMINISH+ OR MINIM+
6	984	3 OR 4
7	936	(BOX+ OR WINDOW?) 3D (1 OR 2 OR 5)
8	145	6 S 7
9	227	BOX+ 3D (1 OR 2 OR 5)
10	28	8 AND 9
11	38	6 AND 9

Search statement 12

? ..fo ss 11

1/38 - (C) IBM CORP 1993

AN - NNRD410102

TXT -

1.3

... window (see Fig. 1). In the chart, the string in each box is a routine name. A large arrow between two boxes indicates a caller-callee relationship between routines. A small arrow with a...

1.4

If the large (caller-callee) arrow is selected, a "data couple" window is displayed (see Fig. 2). The window contains two...

More: M / Repeat max: R / Keep: K / None: N

? m

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AN - NN9801513

TI - Dialog and Message Box Enlargement

TXT - Disclosed is a new implementation for the operation, double-clicking title bar of dialog or message box, in the current...

1.1

...bility improvement. The new implementation is that double-clicking the title bar enlarges the dialog or message box along with the all contents of the dialog or message box in order to fit it to the maximum screen size or user-defined size. This enables the users to continue the normal operation with the enlarged dialog or message box. Double-clicking the title bar of the enlarged dialog or message box changes the size to the original.

Recently, as computer screen resolution is becoming large, t...

1.2

... dialog or message box. This new implementation enhances

the ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

3/38 - (C) IBM CORP 1993

AN - NN9706103

TXT -

1.2

...them, without exception. All different regions are visited including all icons, borders minimization boxes, scroll bars arrow...

1.2

...) to signify "click". The pointer can thus visit even minute areas, such as borders of a window, small icons, small selection boxes, etc., with no substantial effort of hand-ey...

1.4

...ions on a given screen are managed by the system and not by the application (icons, menus, window borders and sizes, etc.) and the...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

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AN - NN9507421

TXT -

1.2

... Figure is an example of an object in which the entire dialog box appears to be raised, with additional raised and depres...

1.2

...ion. The user must query the rectangular coordinates of the object, which may be an entire dialog box, or simply an entryfield or pushbutton within the dialog box. The following cod...

1.3

...QueryWindowRect (hwnd,&Rect1);
The user then fills the dialog box. While the WinFillRect ...

1.4

... and GpiBox functions. The border is first painted to give the object an enhanced three-dimensional effect. The box area is then drawn by GpiBox with the width and height specified b...

1.5

...e DB_DEPRESSED 0x800 // flag value to depress the border
// Draw a border around the dialog box = raised
WinDrawBorder (hps, // presentation space handle ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

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AN - NN9505417

TXT -

2.2

... a "C"-shape would create a box. Such a box could serve to define a block of text, and the size of the box could be controlled...

2.3 ...lication off screen onto a temporary scratchpad. Alternately, entire screens of data or windows could be piled on one another or...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
6/38 - (C) IBM CORP 1993
AN - NN9502559
TXT -
1.1

...sentation Manager* (PM) applications often use radiobutton and checkbox controls in dialog windows. As provided ...

1.4 ...culations for repainting and displaying of the cursor box.
o The wrapped text must be painted by the application.
The WM_PAINT message is received when the text needs to be ...

1.7 ...redisplay it when complete.
o The dotted cursor box around the text when the control has th...

1.7 ...urs. Because PM supports only a single line of text, and because the cursor box extends around all of the text, the ...

1.8 ... the same appearance as the one provided by PM for these controls. The cursor box dimensions should be those calculated...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
7/38 - (C) IBM CORP 1993
AN - NA9406485
TXT -
4.1

...grammer calls MCLBPPP and passes it a table which contains the window dimensions, placement, width of each list box and the data that is to be placed in the list boxes. This information is passed by the caller in a Window Resource Table (WRT) whose format...

5.1 ...t°
° name °location° size °box entry°box entry° . .
. °...

5.1 ... WRT is composed of one or more List Box Entry (LBE) fields, which define a list box and the text data included within.

6.1 ...presentation parameters defined in the PM resource file described in the above text. The 'list box size' value is a

percentage of the screen width that the list box will utilize. The 'list box size' values must add up to 100%. Each 'list text' is terminated wit...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

8/38 - (C) IBM CORP 1993

AN - NA9406317

TXT -

5.1

...ls the ICBPWP procedure and passes it a structure which contains the box dimensions, placement, and contents of the list items in the box. This information is passed by the caller in a Box Resou...

6.1

... BRT is composed of one or more Box Table Entry (BTE), each describing a combination box and the text data to be included with...

7.1

...presentation parameters defined in the PM resource file described in the above text. The 'box size' and 'box position' fields indic...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

9/38 - (C) IBM CORP 1993

AN - NB9406535

TXT -

4.2

...a and image data)
Recognition data consists of character box.
$$Wrec = (Wr + Gr) * N - Gr$$

(note : Wr = Character box width,
Gr = Character box gap, N = Character cou...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

10/38 - (C) IBM CORP 1993

AN - NA9404635

TI - Sizeable Scroll Bar Box for Text Display

TXT -

2.1

- When editing documents of more than a few pages, changing the amount of text displayed has resizing windows or changes in fo...

3.1

...hnique is provided that will facilitate display of varying amounts of text in a document by sizing the scroll bar box (refer...

3.1

...ward and illustrated in Figs. 1 and 2. The user merely resizes the scroll box using the "handles" at either end of the box. The amount of text displayed in the edit window changes dynamically

with
scroll box resizing. This is accomplished through font
size changes.
As the user increases the size of the scroll box, the font
size
decreases, thus displaying more text in the edit window.
Conversely,
as the user decreases the size of the scroll box, the font
size
increases, thus displaying less text in the edit window.

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
11/38 - (C) IBM CORP 1993
AN - NN9308595
TXT -
2.1

...ge of a mouse to marquee select a group of items. The mouse is
used to position and size a rectangular box around items
be selected.

The act of expanding/shrinking the box with a mouse is
referred to...

3.1
...ected. The container control provides the end user with immediate
selection emphasis feedback on the items which are selected, while
the user expands or shrinks the rubberband box.

4.1
...nly be performed on items in view. When
the user starts a marquee selection and changes the size of the
rubberband box, the algorithm searches only the items in view and
displays selection emphasis on those items contained within the box.

5.1
- An "undo" capability is provided. When the rubberband
box is
reduced so that some items are no longer contained within the
box,
selection emphasis is removed from the items which were selected.
...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
12/38 - (C) IBM CORP 1993
AN - NN9308307
TXT -
3.1

... user must respond to before resuming work. These techniques
could also be extended to simple dialog boxes where
there...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
13/38 - (C) IBM CORP 1993
AN - NN9308217
TXT -
2.1

...e., mouse movement and/or keyboard interaction), enriches the File
Open dialog box, and allows the user to quickly relocate

to eit...

- 3.1 - In a window based graphical user interface for an operating system, the File Open dialog box is one of the most common dialog boxes a user will encounter. In order to supply a file specification, the user must select a drive, directory, and file n...
- 5.1 - The preferred embodiment is a dialog box control that allows direct mouse manipulation of the file list box, from the curr...
- 6.1 ...cursor on the automatic top pushbutton control (graphically depicted as a T), the File Open dialog box code recei...
- 7.1 ...omatic bottom pushbutton control (graphically depicted as a B), the File Open dialog box code receives a message indicating that ...
- 8.1 ...is accomplished by placing the automatic top/bottom pushbutton control code within the same dialog box keystroke response code as the rest of the code supporting the File Open dialog box, thereby expanding the function of the dialog box. Thus, an extra application need not be started. The code will implement the scroll bar max up/down, ensuring that no application window information is corrupted.
- 9.1 - While the example used throughout this disclosure has been the File Open dialog box, those skilled in the art will recognize that this enhancement is applicable to a list box in any kind of dialog box, or any information control which has a scroll bar.

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
14/38 - (C) IBM CORP 1993
AN - NB930691
TXT -
3.1

- The SAFE Deposit Box Icon, when selected and expanded, similar to a Safe in real world, displays a combination dial for unlock...
- 4.1 ...h as update, browse, or delete operations. The SAFE Deposit Box may be minimized and kept open on the desktop. While the SAFE is...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
15/38 - (C) IBM CORP 1993
AN - NN9303155
TI - File Open Dialog Box Enhancement: Parent Directory Pushbutton

Control

TXT -

2.1

...se movement and scroll bar manipulation), enriches the File Open dialog box, and allows the user to quickly change directories (back to the parent directory), using a simple dialog box control.

3.1

- In a window based graphical user interface for an operating system, the File Open dialog box is one of the most common dialog boxes a user will encounter. In order to supply a file specification, the user must select a drive, directory, and file n...

5.1

- The preferred embodiment is a dialog box control that allows direct manipulation of the directory list box, from the curr...

6.1

...or on the parent directory pushbutton control (above the right corner of the Directories list box), the File Open dialog box code intercepts the signal, performs the change of directory, and refills the list in the directory list box with ...

7.1

...hbutton control code alongside the rest of the code supporting the File Open dialog box, thereby expanding the functionality of the dialog box. Thus, an extra application need not be started. The code will implement the change from the current working directory to the parent directory, ensuring that no application window information is corrupted.

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

16/38 - (C) IBM CORP 1993

AN - NN9212285

TXT - A program is disclosed that is a method of showing the selected font size and the emulator host session window size on the screen without exiting the Font Size dialog box.

3.1

- This invention makes the Font Size dialog box easy to use. The user will see the font size change in the emulator window while he or she is selecting the font size from the Font Size dialog box.

5.1

- When the user invokes the Font Size dialog box from his emulator window, initially the emulator will highlight the font size currently in use on the Font Size dialog box.

6.1

...ect the font size, the OS/2* PM (Presentation Manager*) message LN_SELECT is sent to the Font Size dialog box procedure. On receiving the message the Font Size dialog box procedure w...

- 7.1 - After LT receives the message from the Font Size dialog box LT will get the new font size and use it to adjust the host sess...
- 8.1 - To select the right font size, the user only needs to bring up the Font Size dialog box once and use the mouse or the arrow key on the keyboard to highlight the font side on the Font Size dialog box and the user will see the actual font size and the window size cha...
- 8.1 ...dow size is shown, the user can click the SAVE button on the dialog box or just press the ENTER key. The font size will then be saved. If the CANCEL button is clicked on the dialog box then the font size is changed back to the original one.
- 9.1 - The SAVE, CANCEL or ENTER key will exit the Font Size dialog box.
* Trademark of IBM Corp.

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
17/38 - (C) IBM CORP 1993
AN - NN921293
TI - Extended List Boxes for Data Resolution.
TXT -
1.1

- 1.1 ...ailed components. The prior art is a lacking single control that allows a user to make a selection in a list box and then have access to yet more information associated with the selection. In the new control described, list box selections followed by an arrow indicate that marking that item will result in an Extended List Box. The implementation described can be used with any PM List B...
- 2.1 ...ling may know all of the possible locations for a class. By the use of an Extended List Box, they need not have any knowledge of ...
- 3.1 ... user interface that this control creates is depicted in Figs. 1-3. Fig. 1 shows the Extended List Box in its initial pha...
- 3.1 ...wn on the right side of the text. When the user double clicks on an item with an arrow, the list box will extend (Fig. 2). When a list box extends, it will overlap the first list box slightly. T...
- 5.1 ...erring to Fig. 4, the main program (the program that uses the Extended List Box control) calls the control program (ELB

program), indicating what to insert into the list box, and on which selections can be extended. Once a user double clicks on an extendable choice, the ELB program sends a message back to the m...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
18/38 - (C) IBM CORP 1993
AN - NN920845
TXT -
3.1
...grammer to review or define application data elements. These objects could be represented as boxes for example. Big boxes co...
3.1
...representing complex or formatted data elements. The developer, through body movement could create and redefine his box structure to represent data for his program.
6.1
- In further enhancing the data definition, the boxes could be stored or maintained in the back of a car or vehicle (as described...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
19/38 - (C) IBM CORP 1993
AN - NN920535
TXT -
6.2
...the window, create the window border, and now erase all or parts of pushbuttons under the window), and text to be written inside ...
9.1
...hbutton will be nulled by the "write repeated" command, the display will automatically shorten the width of the pushbutton box so that the box terminates at the left border of the window.
10.1
... The host will send a Restore display data stream command (with the Save data) to remove the window. The WSC sends a "clear" comm...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
20/38 - (C) IBM CORP 1993
AN - NN920468
TXT -
2.1
...es available for applications to make use of within PM. They are the standard window and the dialog box. These window types disp...
6.1
- For example, an application currently has a dialog box displayed with entry fields requesting various information. The u...
7.1

...textual animated-open window to display the required message. The message box opens itself by expanding from a point within

...

- 8.1 - This invention allows applications to display dialog boxes in a contextual fashion. The dialog box has a direct association with...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

21/38 - (C) IBM CORP 1993

AN - NA9109390

TI - Smalltalk/V PM Unique Method for Creating Dialog Boxes.

TXT - - There has been no method for easily creating dialog boxes within Smalltalk/V* PM that allows the option for working with ...

- 1.1 ...st common method, dialogs were created using the OS/2** Dialog Box Editor and then interaction with Smalltalk/V PM was handled...

- 1.2 The second common method is to create the dialog box within the Smalltalk language, but this is cumbersome ...

- 1.2 ...xes and in specific ratios or points on the screen, and does not include a graphical interface for creating dialog boxes like the Dialog Box Editor does.

- 2.1 - Using Smalltalk/V PM, the process of creating dialog boxes and managing their controls has been implemented in a unique manner. Taking advantage of the graphical user interface from within the OS/2 Dialog Box Editor, we have found a way to instantiate (create an instance of) the dialog box fields by associating instances with ...

- 2.1 ...hod allows for more efficient coding within Smalltalk/V PM and still gives the developer the ability to graphically create the dialog boxes, saving additional time.

- 3.1 - The first step is to create the dialog box using the graphical OS/2 Dialog Box Editor. The second step is to associate instances with the dialog box controls. In the example of the "Move" dialog box, the name entry field must be instantiated. (See the figur...

- 4.1 ...ryField is a class provided in the Smalltalk/V PM product. Now that the field from the dialog box has been instantiated, ...

- 5.1 - The third step is to create a method in Smalltalk/V PM that opens the dialog box. Once the field has been

instantiated, nor...

5.1

...trol id. The code would look like this if the item id assigned by the OS/2 Dialog Box Editor was 6016 for the name field:

S...

12.1

- It is the methods (or programming code) that create this unique way to handle dialog box controls, which are so valuable.

The

methods allow any developer who understands Smalltalk/V PM the ability to manage and control dialog box processing at a more ra...

13.1

- This unique method makes it relatively easy to create dialog boxes and to take full advantage of the OS/2 Dialog Box Editor as well as the Smalltalk/V PM controls. Developers do not have to write code to retrieve and manage messaging to the fields on the dialogbox. Developers do not have to spend time calculating the axis and positioning of fields on a dialog box, which is usually by trial and error and is extremely time consuming. No such method for implementing dialog box processing existed until now. Time and complexity involved in processing dialog boxes is reduced.

* Trademark of Digitalk I...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

22/38 - (C) IBM CORP 1993

AN - NN9106342

TXT -

4.1

...ssor can relieve the main display processor of all A/N tasks, such as character generation, window/viewport movement, resizing, data scrolling, etc. Thus, the main processor can be largely dedicated to the support of graphics/image operations wh...

9.1

- Up to 14 proportionally spaced character fonts, concurrently, of 16 x 32 box size.

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

23/38 - (C) IBM CORP 1993

AN - NN9105486

TXT -

2.1

- In the drawing, Fig. 1 is an exploded isometric view which illustrates a DASD expansion box DASD frame housing as viewed from above, to the front, and to the right. It shows how the 3.5" DASD adapter tray expands the expansion box option versatility.

4.1

- Figs. 3a, 3b and 3c are detailed views of the expansion

box
DASD frame housing and the 3.5" DASD assembly installed. Fig. 3c shows the adapter tray's grounding contact to the expansion box DASD frame housing looking from the top.

- 5.1 - In reference to Fig. 1, the expansion box DASD frame housing primarily consists of the DASD frame structure 1, and either of ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
24/38 - (C) IBM CORP 1993
AN - NN9104274
TXT -
2.1

- The user can focus on an individual activity by displaying a detailed activity window and manipulating the data. The figure sh...

- 3.1 - The activity box's three-dimensional representation of an activity gives the user more information than has been possible in the past because the user can see areas and volumes of activities. The length of the activity box is a visual indicator of the activity duration in months (M). The height of the activity box is a visual indicator of the resource allocation in persons (P). Therefore, the area of the front surface of the box (height X length) is a vis...

- 6.1 ... corresponding to the resource and duration. As the shape and size of the activity box is changed with the mouse, the correspond...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
25/38 - (C) IBM CORP 1993
AN - NA8910472
TXT -
4.1

...** SEE ORIGINAL DOCUMENT ***** state based on all of the possible address and data size values. The boxes depict memory locatio...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
26/38 - (C) IBM CORP 1993
AN - NA891037
TXT -
2.1

...truction, data source, and data sink address spaces. The fourth register holds mapping box status and control information.
...

- 3.1 - The terminal processor presents the mapping box with

data and
addressess. Addresses below certain value reference local memory ...

3.1 ...nted to by register r. Physical realization would most likely be
as a single, extended address. The mapping box passes the
p...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
27/38 - (C) IBM CORP 1993
AN - NN8905361
TXT -
1.1

...umes that the hardware options, such as cards, adapters, devices,
and expansion boxes have been detected, and that the
Curr...

1.2 ...up Procedures are associated with external enclosures, such as
expansion boxes and portable disk enclosures, because they
are...

1.2 ... the option to be detected. For example, the Customer Setup
Procedure for the Expansion Box in the figure reminds the
user that
the power in the Expansion Box must be turned on in order
for the
Expansion Box and any of the options in the
expansion box to be
detected. It also does some basic problem determination concerning
the power supply and cables. The Customer Setup Procedure for the
Expansion Box is executed, if the Expansion
Box is not detected, and
the operator indicates that he did not remove the Expansion
Box. The
configuration is layered so that it can be processed from ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
28/38 - (C) IBM CORP 1993
AN - NN8809182
TXT -
1.2

...tiguous region. The subroutine creates an artificial image
consisting of a box with these dimensions. The artificial
image...

1.3 ...tion information acquisition trials, the application engineer
has the option of accepting information for the boxed
object cho...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
29/38 - (C) IBM CORP 1993
AN - NN880953
TXT -
1.2

...for each contiguous region in the image. The subroutine then

creates an image consisting of a box with these dimensions. This created image is displayed over the first image to show the u...

1.3

...ormation about this desired object to create a statistical window around the mean information. Each time the "accept" key is depressed, the user is sequentially prompted to move the object...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

30/38 - (C) IBM CORP 1993

AN - NN87055631

TXT -

1.1

...of the parallel bus is connected to the Y box, and several control units are connected to the box extension. See ...

1.4

...icated. Switching the connections of Select Out and Select In lines at the X box via the Priority Selection relay and logic wo...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

31/38 - (C) IBM CORP 1993

AN - NN85091385

TXT -

1.6

...to add two offsets to the fixed part: the translation part of the transform relating the two coordinate systems scaled by the size of the character box in the superordinate system; the variable part scaled by the size of the character box in the subordinate sys...

1.7

...that the fixed part is offset by the variable part scaled by the size of the character box in the subordinate text coordinate syst...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

32/38 - (C) IBM CORP 1993

AN - NN8507861

TXT -

1.2

...ct/object set data, the operator selects the VIEW command. The editor displays a transparent box the same size as the size of the display space. The operator moves the box over the data in the workspace until the box is transparently overlaying ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

33/38 - (C) IBM CORP 1993

AN - NN8506426

TXT -

1.1

...rwritten by the dynamic segment as bit strings in the shadow buffer. Secondly, in a bounding box method the extent of dynamic segments together with associated non-dynamic data are stored in the shadow buffer. Conventio...

1.4

...ns that all pels within the bounding box are saved. When the dynamic segment is removed, the data within the bounding box in the shadow buffer is transferred back to the image planes. Thus, ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

34/38 - (C) IBM CORP 1993

AN - NA84091988

TXT -

1.1.

...tures, and so forth, to be placed on the page relative to the box placement point. Selection of a placement point automatically biases the physical placement of the text, and so forth, within the box. The border width of the box determines the displacement of the t...

1.2

...itation thereto is required) allows centering text with respect to any line of the box. If the text is to be centered within the b...

1.3

... at different relative positions in successive visual presentations of the same information. Preferably, the box is located on the page, independent of any other text or graphics to be visually presented along with the relatively positionable text. Of course, the box and the text can have any relative size. Further, the text can be of greater extent than the box, such that the relat...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m

35/38 - (C) IBM CORP 1993

AN - NN81112817

TI - Electronic Gate Extension Box. November 1981.

TXT - 1p. An extension box permits the use of longer cards on an electronic gate that can usually handle certain size cards of electronic circuits. The longer cards can be used to increase ...

2.1

...the front side 3 with the back side 4 being fastened to the original electronic gate of the data processing system. The box 1 is opened at its bottom side 5 for the air to pass over ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
36/38 - (C) IBM CORP 1993
AN - NB80123174
TXT -
3.1
- The clip level buffer is used to segment the character boxes.
The character box location and size information
generated...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
37/38 - (C) IBM CORP 1993
AN - NA78044489
TXT -
3.1
...e points which are made up of X, Y and Z coordinates that provide
dimensional locations within the box. This
information will be put
into the computer. Also, the component will be predescribed ...

More: M / Prev. doc.: PD / Repeat max: R / Keep: K / None: N

? m
38/38 - (C) IBM CORP 1993
AN - NN75101589
TXT -
7.1
... $x_c + L/2$ and the ordinates $y_c - L/2$ and $y_c + L/2$, where
L is the length of side of box B. These coordinates are
...

12.1
... 3 illustrates how the "grey" area between the
circumscribing and inscribing circles may be decreased by
considering
the box to be constituted by a number of overlapping elemental
box...

13.1
- Keyboard or menu boxes which are oblong rather
than square can
be regarded as built up from a series of overlapping elemental box...

14.1
- Fig. 6 illustrates how ambiguities may be avoided where the
menu boxes are contiguous. Menu 10 contains six
contiguous boxes...

15.1
- Therefore, to remove these potential errors and ambiguities
when the menu boxes are contiguous, at registration time
...

15.1
...ding) are determined by control unit 2, these boundaries defining
boxes of reduced size but within which no pointing can be
in error...

? ..li max ss 11 2,3,5,10,11,17,24

2/38 - (C) IBM CORP 1993

AN - NN9801513

TI - Dialog and Message Box Enlargement

PUB - IBM Technical Disclosure Bulletin, January 1998, US

VOL - 41

NR - 1

PG - 513 - 514

PD - 1998-01-01

TXT - Disclosed is a new implementation for the operation, double-clicking title bar of dialog or message box, in the current GUI (Graphical User Interface) flavored operating system for usability improvement. The new implementation is that double-clicking the title bar enlarges the dialog or message box along with the all contents of the dialog or message box in order to fit it to the maximum screen size or user-defined size. This enables the users to continue the normal operation with the enlarged dialog or message box. Double-clicking the title bar of the enlarged dialog or message box changes the size to the original.

Recently, as computer screen resolution is becoming large, the actual size of images displayed on the screen is becoming small, which decreases the visibility and usability. Currently, available operating systems have no effect on double-clicking the title bar of a dialog or message box. This new implementation enhances the visibility, even in the screen high-resolution environment. This can be implemented by either an application software or an operating system.

3/38 - (C) IBM CORP 1993

AN - NN9706103

TI - Single-Key Mechanism for Moving a Pointing Device (Mouse)

PUB - IBM Technical Disclosure Bulletin, June 1997, US

VOL - 40

NR - 6

PG - 103 - 104

PD - 1997-06-01

TXT - Disclosed is a method of navigating and pointing on a computer screen without using a pointing device (mouse). The method uses a combination of the TAB key and the mouse functions in the following way:

- o In a window-oriented screen, each window is divided into many "regions". Clicking inside any region has a given meaning. Except for free-hand drawing, clicking on any pixel in a region has the same meaning.

In this design, an automatically-repeating keyboard key (i.e., Mouse Tab (MTAB)) moves the pointer to the next meaningful region, in some order, generally left to right and then top to bottom, without regard or limitations due to the meaning of each region. When the key is pressed, the pointer jumps from region to region visiting all of them, without exception. All different regions are visited

including all icons, borders minimization boxes, scroll bars arrows, menu bars, entry fields, etc. When the user releases the MTAB key, the pointer remains in the last region. The user can then press another key (e.g., ENTER) to signify "click". The pointer can thus visit even minute areas, such as borders of a window, small icons, small selection boxes, etc., with no substantial effort of hand-eye coordination for careful positioning.

Variations of the MTAB key are the LEFT-MTAB, which works in the inverse direction; the DOWN-MTAB, which scans top-down and then moves to the next "column" horizontally; the UP-MTAB, which is the reverse of DOWN-MTAB, etc. All of these keys loop around; they do not stop at the end of the screen. Their behavior is very similar to the TAB key in IBM 3270 screens.

The MTAB, LEFT-MTAB, UP-MTAB and DOWN-MTAB keys are either fixed labeled keys on the keyboard or designated key combinations (e.g., Arrow keys, ALT-TAB, etc.).

Corrections and adjustment of selection are done in an identical way to the first attempt at aiming - the user presses the MTAB key until it visits the desired spot again.

The display software optionally highlights (e.g., reverse video) the region currently pointed to.

In order to enable traversal of all the different application fields in a given window, the application defines to the screen manager

(Presentation Manager*, Motif** or equivalent) what are the distinct regions which are candidates for pointer "stations". Nevertheless, many

regions on a given screen are managed by the system and not by the application (icons, menus, window borders and sizes, etc.) and the

MTAB key management thus applies in part also to non-participating applications.

Since the pointer may have to traverse a large number of regions, a variety of interesting algorithms are applied for varying the speed of the automatic repetition of the key. Examples are: accelerate with time, decelerate with time, longer "rests" when visiting a region that was clicked on before, various other speed adjustment techniques currently available with arrows.

Drag-and-drop operations are done by adding current technology to this design. That is, bring the pointer to the desired region using the MTAB key. Then press a key combination that means mouse-button-down, use arrows and other keys to move the pointer, and then press key combination for mouse-button-up.

This technique coexists with usage of a real mouse where most pointing and clicking is done with the MTAB key, but some drag and drop is done with the mouse.

* Trademark of IBM Corp.

** Trademark of Open Software Foundation, Inc.

5/38 - (C) IBM CORP 1993

AN - NN9505417

TI - Gesture Recognition as a Supplement to a Keyboard or Pointing Device

PUB - IBM Technical Disclosure Bulletin, May 1995, US

VOL - 38

NR - 5

PG - 417 - 418

PD - 1995-05-01

TXT - Disclosed is a system for interacting with on-screen data via a form of virtual reality in which a user's hand gestures are represented on screen within an application in a user-defined manner.

- In its simplest implementation, two miniature video cameras mounted in a computer, a keyboard or a nearby location would continuously monitor the positions of the user's hands. Because only the outlines of the hands must be recognized -- essentially their projection on a two-dimensional surface -- the computer vision demands of this application would be considerably less than that of recognizing arbitrary three-dimensional objects.

The recognition algorithm need not distinguish between every possible hand position. As in voice and handwriting recognition, variants of a particular gesture could be mapped into a single gesture. In addition, training would allow the algorithm to adapt to a user's idiosyncrasies.

The user would be able to define at the beginning of an application or during an application the kind of on-screen function that a particular gesture would represent. A default interpretation of gestures might be defined in an intuitive way, so that, for example, moving one's finger up and down (side to side) would create a vertical (horizontal) rule on the screen, whereas forming one's hand into a "C"-shape would create a box. Such a box could serve to define a block of text, and the size of the box could be controlled

by changing the distance between one's fingers and thumb. In graphics applications, one could use one's fingers to draw, to define parts of a figure, to enlarge or compress parts of a figure, etc.

The particular interpretation in effect at any given time could be shown by a collection of icons or other mnemonic devices.

Depending on the amount of computing power available and the state of the art in computer-vision technology, possible gestures could also include handwriting. Gestures could be performed free-form in the space above the keyboard, on a special transparent pop-up tablet or directly on the face of the monitor.

As an additional benefit of this virtual reality application, the area around the computer monitor could be treated as a virtual screen, allowing a user to move blocks of text or other pieces of an application off screen onto a temporary scratchpad. Alternately, entire screens of data or windows could be piled on one another or

"pasted" somewhere in the virtual workspace.

While computer vision is the preferred embodiment, unobtrusive data gloves or ringlike attachments containing light-emitting diodes or infrared devices could also be used.. The position of the hands might also be sensed by measuring the distortions in an electromagnetic

field or by heat radiation from the hands in a way analogous to that used by various creatures to identify and locate prey. Various other form of biomimetic imaging technology might also be feasible.

10/38 - (C) IBM CORP 1993

AN - NA9404635

TI - Sizeable Scroll Bar Box for Text Display

PUB - IBM Technical Disclosure Bulletin, April 1994, US

VOL - 37

NR - 4A

PG - 635 - 636

PD - 1994-04-01

TXT - This document contains drawings, formulas, and/or symbols that will not appear on line. Request hardcopy from ITIRC for complete

article.

- When editing documents of more than a few pages, changing the amount of text displayed has resizing windows or changes in fonts involved.
- A technique is provided that will facilitate display of varying amounts of text in a document by sizing the scroll bar box (referred to hereafter as the scroll box). The concept is very straight forward and illustrated in Figs. 1 and 2. The user merely resizes the scroll box using the "handles" at either end of the box. The amount of text displayed in the edit window changes dynamically with scroll box resizing. This is accomplished through font size changes. As the user increases the size of the scroll box, the font size decreases, thus displaying more text in the edit window. Conversely, as the user decreases the size of the scroll box, the font size increases, thus displaying less text in the edit window.
- The limits on the amount of text displayed in the edit window would be a function of the font sizes available to the user on their system.

11/38 - (C) IBM CORP 1993

AN - NN9308595

TI - Dynamic Marquee Selection Support in the Container Control

PUB - IBM Technical Disclosure Bulletin, August 1993, US

VOL - 36

NR - 8

PG - 595 - 598

PD - 1993-08-01

TXT - This document contains drawings, formulas, and/or symbols that will not appear on line. Request hardcopy from ITIRC for complete article.

- Most PC applications being developed today have a Graphical User Interface (GUI) in which data is presented as objects. The objects are generally represented as graphical images that can be selected or de-selected by an end user. One selection method is the usage of a mouse to marquee select a group of items. The mouse is used to position and size a rectangular box around items be selected. The act of expanding/shrinking the box with a mouse is referred to as "rubber- banding". The implementation of "rubberbanding" a rectangular box to select items is marquee selection.
- Developers of GUI applications should give immediate feedback during a marquee selection indicating exactly which items have been selected. The container control provides the end user with immediate selection emphasis feedback on the items which are selected, while the user expands or shrinks the rubberband box.
- This article documents the idea and algorithm which displays and removes selection emphasis on all items contained within the rubberband box. The algorithm maintains the items currently in view since marquee selection can only be performed on items in view. When the user starts a marquee selection and changes the size of the

rubberband box, the algorithm searches only the items in view and displays selection emphasis on those items contained within the box.

- An "undo" capability is provided. When the rubberband box is reduced so that some items are no longer contained within the box, selection emphasis is removed from the items which were selected by the current marquee selection. The selection state of items which were selected before the current marquee selection remains as they were. These features of dynamic selection feedback are not implemented in existing marquee selection implementations.

17/38 - (C) IBM CORP 1993

AN - NN921293

TI - Extended List Boxes for Data Resolution.

PUB - IBM Technical Disclosure Bulletin, December 1992, US

VOL - 35

NR - 7

PG - 93 - 94

PD - 1992-12-01

TXT - - Often items contained in a list box can be resolved down to more detailed components. The prior art is a lacking single control that allows a user to make a selection in a list box and then have access to yet more information associated with the selection. In the new control described, list box selections followed by an arrow indicate that marking that item will result in an Extended List Box. The implementation described can be used with any PM List Box. This new control also follows all CUA* standards.

- An illustrative example of the invention will further explain the principles of this new control. A consulting company sells education classes at different locations within the US. A person may call the company administrator asking to set up a large meeting at one of the company sites. The administrator arranging the meeting will need to efficiently enter into the computer which location and room is to be reserved. Neither the administrator nor the person calling may know all of the possible locations for a class. By the use of an Extended List Box, they need not have any knowledge of the possible locations.

- The user interface that this control creates is depicted in Figs. 1-3. Fig. 1 shows the Extended List Box in its initial phase; it looks like a common list box. The only exceptions are the arrows shown on the right side of the text. When the user double clicks on an item with an arrow, the list box will extend (Fig. 2). When a list box extends, it will overlap the first list box slightly. This is to indicate to the user that the list boxes have some type of association.

- In the figures, assume that Alabama has been double clicked on, followed by a double click on floor 3 (Fig. 3). Each time an item is doubled clicked on, it will remain in inverse video or otherwise indicate its selected state.

- One method of programming this control has been reduced to

practice and is as follows:

Referring to Fig. 4, the main program (the program that uses the Extended List Box control) calls the control program (ELB program), indicating what to insert into the list box, and on which selections can be extended. Once a user double clicks on an extendable choice, the ELB program sends a message back to the main program. The main program will then again call the ELB program, indicating what to insert into this new list box and what items can be extended upon. The second list box is then positioned slightly over the first list box.

* Trademark of IBM Corp.

24/38 - (C) IBM CORP 1993

AN - NN9104274

TI - Interactive Graphical User Interface for PERT/CPM Project Tracking.

PUB - IBM Technical Disclosure Bulletin, April 1991, US

VOL - 33

NR - 11

PG - 274 - 275

PD - 1991-04-01

TXT - - Disclosed is a three-dimensional volumetric representation of activities for a graphical user interface to a PERT/CPM program which allows the user to interact with the project planning and tracking data for both input and output.

- The user can focus on an individual activity by displaying a detailed activity window and manipulating the data. The figure shows an example of a detailed activity window which consists of a text block in the lower portion of the window displaying numerical values of the parameters and an activity box in the upper portion depicting the same parameters in a graphical form.

- The activity box's three-dimensional representation of an activity gives the user more information than has been possible in the past because the user can see areas and volumes of activities. The length of the activity box is a visual indicator of the activity duration in months (M). The height of the activity box is a visual indicator of the resource allocation in persons (P). Therefore, the area of the front surface of the box (height X length) is a visual indicator of the person months (PM) being spent on the activity.

- The depth of the activity box represents productivity which produces a volume (height X length X depth) that is the size of the activity. For a software development task, the productivity is measured in lines of code (LOC) produced per person month of effort (LOC/PM). This results in an activity box volume, measured in lines of code, that is visually related directly to the amount of work to be done in the activity.

- The four variables of Size, Productivity, Resources, and Duration can vary. Any one of the four variables can be determined from the values of the other three. So this invention allows the user to select any one of the four variables to be the dependent variable for which it will calculate the value in response to the user changing the values of the other three variables.

- For example, the user might select productivity to be the dependent variable. In the text block he could type in the latest

value for the size in LOC of the activity. Only the productivity value would change to accommodate the new size value. Then he may try typing in different values for the re-source and duration or he could use the mouse to click on and drag the edges of the activity box corresponding to the resource and duration. As the shape and size of the activity box is changed with the mouse, the corresponding numeric values of the modified independent variables are displayed in the text block, and the resulting productivity value is calculated and updated in the text block as well.

Search statement 12

?

File 344:CHINESE PATENTS ABS APR 1985-2001/Jul
(c) 2001 EUROPEAN PATENT OFFICE
File 347:JAPIO OCT 1976-2001/Apr(UPDATED 010813)
(c) 2001 JPO & JAPIO
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200149
(c) 2001 Derwent Info Ltd

Set	Items	Description
S1	7163	(DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR ICON OR ICONS) (3N) (BOX? OR WINDOW?) OR WIDGET?
S2	5583444	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR - LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI- ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA- GNITUD? OR PROPORTION?
S3	3730503	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO- NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	1584741	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()- PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C- ONSOLE? OR TERMINAL?
S5	11218	(COMPUTER? OR PC) (3N) (LAPTOP OR PALM()TOP OR PALMTOP OR HA- ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK- ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA- L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	7638623	S2 OR S3
S7	672	S6(5N)S1
S8	1584741	S4 OR S5
S9	245	S7 AND S8
S10	30	S7(10N)S8
S11	27	AU="AMRO H Y":AU="AMRO HATIM YOUSEF"
S12	14	AU="DODSON J P" OR AU="DODSON JOHN PAUL"
S13	13	S11 AND S12

10/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06682198 **Image available**
TEXT BOX DISPLAY METHOD FOR WEB PAGE, AND RECORDING MEDIUM RECORDED WITH
PROGRAM THEREFOR

PUB. NO.: 2000-268027 [JP 2000268027 A]
PUBLISHED: September 29, 2000 (20000929)
INVENTOR(s): NAKAOKA MIYA
YAMADA MIKAKO
HONDA AKI
APPLICANT(s): HITACHI INFORMATION SYSTEMS LTD
APPL. NO.: 11-072860 [JP 9972860]
FILED: March 18, 1999 (19990318)
INTL CLASS: G06F-017/21; G06F-003/14; G06F-013/00

ABSTRACT

PROBLEM TO BE SOLVED: To display data in a text box on a Web page easily to see with a simple operation without causing an unwanted space in the text box and without scrolling the text box.

SOLUTION: Inside a server computer 10, a world wide web(WWW) server 12 is provided for controlling a program file 12a and a format definition file 12b, a value dividing the number of characters in text data from line shift to line shift with the number of display characters on one line is calculated by the program file 12a, a value adding all the values while carrying up the decimal places is replaced with a value showing the number of lines in the text box and according to that value, the **text box size** on the Web page of client **computers** 20, 30 and 40 is changed.

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10/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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06085832 **Image available**
INCOMING CALL NOTICE SYSTEM

PUB. NO.: 11-027347 [JP 11027347 A]
PUBLISHED: January 29, 1999 (19990129)
INVENTOR(s): TANAKA KENICHIRO
TAKAGI TSUNEYOSHI
APPLICANT(s): CANON INC
APPL. NO.: 09-189054 [JP 97189054]
FILED: June 30, 1997 (19970630)
INTL CLASS: H04M-001/00; H04Q-007/14; H04Q-007/38; H04M-003/42;
H04M-011/00

ABSTRACT

PROBLEM TO BE SOLVED: To improve the entire job efficiency by transferring data to set an incoming call notice means in response to an attribute of a medium to an opposite party in the case of making an incoming call notice to the opposite party via a channel so as to avoid the job of the opposite party from being uselessly interrupted.

SOLUTION: In a telephone application working on a computer network, a caller uses a key board and a mouth of an incoming call medium operation section 101 to set how strong an incoming call is noticed to the opposite party. Then a notice of the incoming call is made by a popup menu of a window on a computer monitor and the setting of the strength of the incoming call notice is made by designating a size of the window for the incoming call display. An incoming call information analysis section 109 of a called **terminal** receives a value denoting the **size** of the **window**

having a popup **menu** based on received packet information and gives a popup **menu** display to the **window** of the designated **size** on the **computer** monitor of an incoming call notice section 105 to notify an incoming call.

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10/5/3 (Item 3 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

04235478 **Image available**
THROTTLING CONTROL SYSTEM

PUB. NO.: 05-227178 [JP 5227178 A]
PUBLISHED: September 03, 1993 (19930903)
INVENTOR(s): NAKAMURA HISANAGA
IIDA ICHIRO
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 04-025503 [JP 9225503]
FILED: February 12, 1992 (19920212)
INTL CLASS: [5] H04L-012/42; H04L-005/22
JAPIO CLASS: 44.3 (COMMUNICATION -- Telegraphy)
JOURNAL: Section: E, Section No. 1475, Vol. 17, No. 676, Pg. 143,
December 13, 1993 (19931213)

ABSTRACT

PURPOSE: To provide the throttling control system evenly distributing each node and capable of effectively transferring WS on the throttling.

CONSTITUTION: A control section 10 connected with a throttling 1 and performing various type of controls, a queue buffer 11 holding data to be transmitted from a **terminal**, a WS buffer 12 holding the set **window size** of **data** and sending the **window size** of slot **data** to the throttling 1, and a WS counter 13 counting the number of slots to be sent from the WS buffer 12 by means of a set/reset signal from the control section 10 are provided in each node. When the control section 10 in the node issuing the reset slot checks the number of nodes having data in a queue buffer 11, the band is dynamically re-allocated in operation according to the state of the network.

10/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2001 JPO & JAPIO. All rts. reserv.

03017472 **Image available**
READ DATA DECIDING CIRCUIT

PUB. NO.: 01-315072 [JP 1315072 A]
PUBLISHED: December 20, 1989 (19891220)
INVENTOR(s): HONDA HIDEICHI
IWAI TAKEO
SUZUKI YASUHIRO
KAMEOKA TETSUJI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 63-145711 [JP 88145711]
FILED: June 15, 1988 (19880615)
INTL CLASS: [4] G11B-020/14
JAPIO CLASS: 42.5 (ELECTRONICS -- Equipment)
JOURNAL: Section: P, Section No. 1017, Vol. 14, No. 122, Pg. 21, March
07, 1990 (19900307)

ABSTRACT

PURPOSE: To decrease the data errors and to improve the reliability of a read data discriminating circuit by adding a circuit to said data discriminating circuit to correct the window width with a read data pattern.

CONSTITUTION: The read data discriminating signals is inputted to a CL input terminal F of a shift register 46 via an OR 47 as a clear 51 and a clock 50 passed through an inverter 48 is inputted to a T input terminal G respectively. A maximum interval data window correction signal 53 is outputted if no data is obtained for seven windows for acquisition of the maximum interval data window correction signals 54 and 55. While the signals C and D are fetched with a clock 64 for acquisition of the minimum interval data window correction signals 58 and 59. Then the 3rd window counted from the windows where the read data has a rise is always corrected. The signals 54/59 and 55/58 undergo the OR via the OR 60 and 61 respectively for acquisition of the window correction signals 62 and 63. Then the maximum and minimum interval data patterns increase their window widths in the advance and delay directions respectively.

10/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

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02850332 **Image available**

LINEAR PREDICTIVE CODING METHOD

PUB. NO.: 01-147932 [JP 1147932 A]

PUBLISHED: June 09, 1989 (19890609)

INVENTOR(s): TAKANO HIROMI

MORIWAKI HISAYOSHI

AKAGIRI KENZO

APPLICANT(s): SONY CORP [000218] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 62-306437 [JP 87306437]

FILED: December 03, 1987 (19871203)

INTL CLASS: [4] H04B-014/04

JAPIO CLASS: 44.2 (COMMUNICATION -- Transmission Systems)

JOURNAL: Section: E, Section No. 818, Vol. 13, No. 407, Pg. 87,
September 08, 1989 (19890908)

ABSTRACT

PURPOSE: To improve the accuracy of prediction coefficient by applying blocking processing to a sample and multiplying a prescribed value with the sample for each block.

CONSTITUTION: The multiplication of weighting by a time window function $W(n)$ is applied to an input data $X(\text{sub } t)$ at a terminal 11 by a time window 21, the obtained data is compared with a maximum value of a preceding data to extract a maximum value of data $X(\text{sub } t) \cdot W(n)$. Similar processing is applied to the data $X(\text{sub } t)$ of one block succeedingly. Then a maximum value $T(\text{sub } \text{max})$ after weighting in one block is extracted. Then the value $T(\text{sub } \text{max})$ is shifted left one by one bit sequentially, doubled, compared with a value TREF being a comparison reference and the processing is proceeded to obtain the result of $T(\text{sub } \text{min}) \geq \text{TREF}$. Thus, the data $X(\text{sub } t) \cdot W(n)$ after weighting is multiplied in the unit of blocks in the range that the maximum value $T(\text{sub } \text{max})$ is not subject to overflow. Even with a limit of word length for succeeding processing, the accuracy of prediction coefficient α_i is improved.

10/5/6 (Item 6 from file: 347)

DIALOG(R)File 347:JAPIO

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02766463 **Image available**

DIGITIZER SYSTEM

PUB. NO.: 01-064063 [JP 1064063 A]
PUBLISHED: March 09, 1989 (19890309)
INVENTOR(s): YOSHIKAWA KAZUMITSU
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 62-221528 [JP 87221528]
FILED: September 03, 1987 (19870903)
INTL CLASS: [4] G06F-015/60
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 42.1
(ELECTRONICS -- Electronic Components)
JOURNAL: Section: P, Section No. 889, Vol. 13, No. 271, Pg. 137, June
22, 1989 (19890622)

ABSTRACT

PURPOSE: To prevent the data extracting mistakes by providing the history of affections of the 2-dimensional coordinate value delivered outside as the coordinates data against an external system as the drawing data.
CONSTITUTION: The picture data (a) obtained from outside is stored in an image memory 1. A vector generating part 2 produces a vector on an image memory 3 based on the drawing data (b) given from outside and produces the picture data (d). A pattern to be measured is attached on a digitizer board 7 and the points to be measured are pointed by an accessory cursor, etc., for the coordinates on a pattern. Thus the 2-dimensional coordinates of the pointed point are turned into the form of the digital data that can be utilized by a **computer** and delivered as the coordinate **data** C. A **window** segmenting part 3 segments the **sizes** that can be displayed at a graphic display part 5 out of data a' and b' stored in both memories 1 and 3 and gives these sizes to the part 5.

10/5/7 (Item 1 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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013479497 **Image available**
WPI Acc No: 2000-651440/200063
XRPX Acc No: N00-483119

Text box display procedure for use in web page, involves computing number of lines required for displaying text data, using program file and accordingly changing text box size

Patent Assignee: HITACHI JOHO SYSTEMS KK (HITA-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000268027	A	20000929	JP 9972860	A	19990318	200063 B

Priority Applications (No Type Date): JP 9972860 A 19990318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000268027	A	7	G06F-017/21	

Abstract (Basic): JP 2000268027 A

NOVELTY - The server (12) computes number of characters of text data covered in one line using program file. The computed value for every line is added, and number of lines to be printed for covering text data is calculated. The **size of text box** of web page in client **computer** is changed based on calculation result.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for recording medium storing text box display program.

USE - For use in web page of WWW system.

ADVANTAGE - Unnecessary space is not created in the text box. Avoids scrolling of text box. Data is displayed legibly and conspicuousness is decreased.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of text box display procedure.

Server (12)

pp; 7 DwgNo 1/5
Title Terms: TEXT; BOX; DISPLAY; PROCEDURE; WEB; PAGE; COMPUTATION; NUMBER;
LINE; REQUIRE; DISPLAY; TEXT; DATA; PROGRAM; FILE; ACCORD; CHANGE; TEXT;
BOX; SIZE
Derwent Class: T01
International Patent Class (Main): G06F-017/21
International Patent Class (Additional): G06F-003/14; G06F-013/00
File Segment: EPI

10/5/8 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2001 Derwent Info Ltd. All rts. reserv.

013347434 **Image available**
WPI Acc No: 2000-519373/200047
XRPX Acc No: N00-384493

**Display processing apparatus for operation system, has icon display
process unit to display icon which symbolizes each resource based on
location of resource, on display area**

Patent Assignee: FUJI XEROX CO LTD (XERF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000200127	A	20000718	JP 99305976	A	19991027	200047 B

Priority Applications (No Type Date): JP 98312717 A 19981104

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000200127	A	8	G06F-003/00	

Abstract (Basic): JP 2000200127 A

NOVELTY - A desktop of standard shape is displayed in display screen (100). An area display process unit processes to display the desktop information for every local resource location for utilization. Icon display process unit displays the icon that symbolizes each resource corresponding to location of the resource, on desktop.

USE - For use in operation system (OS) of **computer** with **window** display and **icon** display function used for three **dimensional** display mode.

ADVANTAGE - Enables user to recognize each icon symbolization intuitively based on resource location, by observing the screen. Also production of display area where icon is displayed can be effectively done, as imagination desktop. Thus user's recognition property and operativity are improved.

DESCRIPTION OF DRAWING(S) - The figure shows the explanatory drawing of display image of desktop in 3D display mode.

Display screen (100)

pp; 8 DwgNo 3/6

Title Terms: DISPLAY; PROCESS; APPARATUS; OPERATE; SYSTEM; DISPLAY; PROCESS
; UNIT; DISPLAY; RESOURCE; BASED; LOCATE; RESOURCE; DISPLAY; AREA
Derwent Class: T01
International Patent Class (Main): G06F-003/00
International Patent Class (Additional): G06F-013/00
File Segment: EPI

10/5/9 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013258922 **Image available**
WPI Acc No: 2000-430805/200037
XRPX Acc No: N00-321505

**Data retrieving system used in network, has hybrid gateway which is
coupled to network to control downloading of information at variable
rates in requesting terminals**

Patent Assignee: HUGHES ELECTRONICS CORP (HUGA)

Inventor: DILLON D; GUPTA V

Number of Countries: 087 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200027044	A2	20000511	WO 99US25642	A	19991102	200037 B
AU 200013353	A	20000522	AU 200013353	A	19991102	200040
EP 1050117	A2	20001108	EP 99956825	A	19991102	200062
			WO 99US25642	A	19991102	

Priority Applications (No Type Date): US 99233343 A 19990119; US 98106933 A 19981103

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200027044 A2 E 74 H04B-007/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200013353 A H04B-007/00 Based on patent WO 200027044

EP 1050117 A2 E H04B-007/00 Based on patent WO 200027044

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Abstract (Basic): WO 200027044 A2

NOVELTY - A hybrid gateway is coupled to the network so as to control downloading of information at variable rates in requesting **terminals** coupled to the network. The hybrid gateway changes the advertised **window size** of request **data** and forwards the request to the source **computer**. The source **computer** answers the request via communication link.

DETAILED DESCRIPTION - The hybrid gateway selects the communication link based on congestion avoidance techniques. The information downloading rate is changed based on level of service subscribed by each of the requesting terminals. An INDEPENDENT CLAIM is also included for controlling data low loading rate.

USE - In network.

ADVANTAGE - The band width for communication link is reduced effectively by using hybrid gate way.

DESCRIPTION OF DRAWING(S) - The figure shows the depicts the flow chart of the steps involved in controlling data down loading.

pp; 74 DwgNo 14/14

Title Terms: DATA; RETRIEVAL; SYSTEM; NETWORK; HYBRID; GATEWAY; COUPLE;

NETWORK; CONTROL; INFORMATION; VARIABLE; RATE; REQUEST; TERMINAL

Derwent Class: T01; W01

International Patent Class (Main): H04B-007/00

File Segment: EPI

10/5/10 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013030162 **Image available**

WPI Acc No: 2000-202013/200018

XRPX Acc No: N00-150494

Overlay printing system of printer, performs form-overlay printing according to form control data from conversion unit

Patent Assignee: CASIO COMPUTER CO LTD (CASK); CASIO DENSHI KOGYO KK (CASK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000039978	A	20000208	JP 98209742	A	1998072	200018 B

Priority Applications (No Type Date): JP 98209742 A 19980724

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2000039978 A 9 G06F-003/12

Abstract (Basic): JP 2000039978 A

NOVELTY - The text file for HDA stored on hard disk (5) of host computer (1) is read by the identification unit of the terminal computer (2) and converted into form control data by the printer driver in the conversion unit. The printer (3) performs the form-overlay printing according to the form control data from the conversion unit.

USE - For form-overlay printing in windows environment.

ADVANTAGE - The form-overlay printing is performed reliably by HDA in the environment of the windows . As the forwarding data to a terminal computer are reduced from the host computer , high speed printing process is enabled. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the overlay printing system. (1) Host computer; (2) Terminal computer; (3) Printer; (5) Hard disk.

Dwg.1/10

Title Terms: OVERLAY; PRINT; SYSTEM; PRINT; PERFORMANCE; FORM; OVERLAY;

PRINT; ACCORD; FORM; CONTROL; DATA; CONVERT; UNIT

Derwent Class: P75; T01

International Patent Class (Main): G06F-003/12

International Patent Class (Additional): B41J-021/00

File Segment: EPI; EngPI

10/5/11 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012673408 **Image available**

WPI Acc No: 1999-479515/199940

XRPX Acc No: N99-356978

Java script for client computers on a network, to allow resizing or redrawing display windows without losing necessary information objects required to dynamically update the contents of the windows

Patent Assignee: MANNING & NAPIER INFORMATION SERVICES (MANN-N)

Inventor: ANDREWS T W; CHRONIS T; GOTO M; POGODA-CURTIS S

Number of Countries: 084 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9940507	A1	19990812	WO 99US2512	A	19990205	199940 B
AU 9925862	A	19990823	AU 9925862	A	19990205	200005

Priority Applications (No Type Date): US 9820098 A 19980206

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9940507 A1 E 56 G06F-005/01

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9925862 A G06F-005/01 Based on patent WO 9940507

Abstract (Basic): WO 9940507 A1

NOVELTY - A Hyper Text Markup Language (HTML) file, downloaded from a network server, is used to create a reference window (56) and associated display frames (60,62,68,70,72,74). Information objects and properties associated with the frames are stored in memory at locations linked with the HTML file, and are not allowed to be overwritten until reference window (56) is closed, thus information objects and properties will not be lost when frames (60,etc.) are resized or redrawn.

USE - Used in client computer systems on a data network, to

facilitate efficient data communication over the network by reducing the number of server calls required to update a display frame content.

ADVANTAGE - Storing information objects and properties in the client system, so that they are linked to the reference window and not overwritten until it is closed, minimizes the number of server calls required to update frame content and thus improves the response to the user and the efficiency of use of the network.

pp; 56 DwgNo 5/5

Title Terms: SCRIPT; CLIENT; COMPUTER; NETWORK; ALLOW; REDRAW; DISPLAY; WINDOW; NECESSARY; INFORMATION; OBJECT; REQUIRE; DYNAMIC; UPDATE; CONTENT ; WINDOW

Derwent Class: T01; T04; W01

International Patent Class (Main): G06F-005/01

International Patent Class (Additional): G06F-003/14; G06F-015/00; G06F-017/30

File Segment: EPI

10/5/12 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012637994 **Image available**

WPI Acc No: 1999-444098/199937

XRPX Acc No: N99-331219

Computer **display system uses a bubble box to edit data can display large amounts of data in a user interface of limited size**

Patent Assignee: INFODREAM CORP (INFO-N)

Inventor: ANDLEIGH P K; LEE C

Number of Countries: 084 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9934278	A1	19990708	WO 98US27412	A	19981222	199937 B
AU 9919440	A	19990719	AU 9919440	A	19981222	199951
GB 2338810	A	19991229	WO 98US27412	A	19981222	200003
			GB 9923073	A	19990929	

Priority Applications (No Type Date): US 9770074 A 19971231

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9934278 A1 E 21 G06F-003/023

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

GB 2338810 A G06F-017/24 Based on patent WO 9934278

AU 9919440 A G06F-003/023 Based on patent WO 9934278

Abstract (Basic): WO 9934278 A1

NOVELTY - The system has a user interface data field for displaying a portion of a data item on the display, a data bubble box associated with the user interface data field for displaying the data item, and an edit box associate with the data bubble box for editing the data item.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a method for editing a data item displayed on a computer display system.

USE - Computer displays that use a bubble box to edit data.

ADVANTAGE - Can display large amounts of data in a user interface field which has a limited size.

DESCRIPTION OF DRAWING(S) - The figure shows an edit box of the computer display system.

pp; 21 DwgNo 4/5

Title Terms: COMPUTER; DISPLAY; SYSTEM; BUBBLE; BOX; EDIT; DATA; CAN; DISPLAY; AMOUNT; DATA; USER; INTERFACE; LIMIT; SIZE

Derwent Class: T01

International Patent Class (Main): G06F-003/023; G06F-017/24

International Patent Class (Additional): G06F-003/033; G06F-009/44
File Segment: EPI

10/5/13 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012630343 **Image available**
WPI Acc No: 1999-436447/199937
XRPX Acc No: N99-325766

Transmitting data window size modification method for data reception control in terminal adaptor, telecommunication control apparatus connected to digital network - involves computing frame proportion by dividing output of specific timer by that of another timer, based on which window size is modified

Patent Assignee: NEC CORP (NIDE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11177619	A	19990702	JP 97363107	A	19971215	199937 B

Priority Applications (No Type Date): JP 97363107 A 19971215
Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11177619	A	7	H04L-012/56	

Abstract (Basic): JP 11177619 A

NOVELTY - If frame of BECN bit is detected to be 1, the window size 'WS' is reduced and a timer 'T1' is started followed by reset of counters 'A' and 'B'. The frame proportion 'R' is calculated, by dividing output of timer 'B' by that of timer 'A', and if it is positive, 'WS' is reduced. If 'R' is not positive, it is judged whether 'WS' is maximum, otherwise 'WS' is expanded. DETAILED DESCRIPTION - After reset of timer 'T1' followed by reset of counters 'A' and 'B' when the time 'T' between two measurement routines elapses, the timer 'A' is incremented. When BECN bit of frame is detected to be 1, counter 'B' is incremented and the process is repeated for computing frame proportion.

USE - For modifying transmitting data window size for data reception control in terminal adaptor, telecommunication control apparatus, communication protocol conversion apparatus connected to digital network.

ADVANTAGE - Performs recovery amount of transmitting data, irrespective of amount of data received from frame relay network. Data reception control can be performed efficiently, since transmitting data window size is modified based on the frame proportion.

Dwg.1/2

Title Terms: TRANSMIT; DATA; WINDOW; SIZE; MODIFIED; METHOD; DATA; RECEPTION; CONTROL; TERMINAL; ADAPT; TELECOMMUNICATION; CONTROL; APPARATUS; CONNECT; DIGITAL; NETWORK; COMPUTATION; FRAME; PROPORTION; DIVIDE; OUTPUT; SPECIFIC; TIME; TIME; BASED; WINDOW; SIZE; MODIFIED

Derwent Class: W01
International Patent Class (Main): H04L-012/56
File Segment: EPI

10/5/14 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012577672 **Image available**
WPI Acc No: 1999-383779/199932
XRPX Acc No: N99-287282

Fuzzy logic implemented window size determination apparatus in computer system

Patent Assignee: UNISYS CORP (BURS)

Inventor: O'BRIEN G; SMITH J H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5905978	A	19990518	US 96680757	A	19960715	199932 B

Priority Applications (No Type Date): US 96680757 A 19960715

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5905978	A	18	G06F-015/18	

Abstract (Basic): US 5905978 A

NOVELTY - A computer (410) transmits message to I/O board (470) and accepts acknowledge (ACK) along with fuzzy input set indicating memory utilization value and queue depth based on which fuzzy logic generating unit generates predetermined value corresponding to size of window. The queue depth value indicates queue depth of messages in message queue depth maintained by data channel.

DETAILED DESCRIPTION - The queue depth value is incremented when a message is added to queue and decremented on removal of message from queue. Based on **size of window**, **data** flow between **computer** and input-output board is regulated. An INDEPENDENT CLAIM is included for window size varying method.

USE - In computer system.

ADVANTAGE - Window size can be varied to promote efficient data channel utilization.

DESCRIPTION OF DRAWING(S) - The figure shows input-output channel between computer processor and media.

Computer (410)

I/O board (470)

pp; 18 DwgNo 4/18

Title Terms: FUZZ; LOGIC; IMPLEMENT; WINDOW; SIZE; DETERMINE; APPARATUS; COMPUTER; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-015/18

File Segment: EPI

10/5/15 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011750987 **Image available**

WPI Acc No: 1998-167897/199815

XRPX Acc No: N98-133322

Locating method of window frames or program icons for window interface - using computer mouse to locate window frame or program icon for further processing via two- dimensional control buttons of mouse

Patent Assignee: PRIMAX ELECTRONICS LTD (PRIM-N)

Inventor: HER H; LIOU W; WU J; YANG M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 323355	A	19971221	TW 97101226	A	19970203	199815 B

Priority Applications (No Type Date): TW 97101226 A 19970203

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 323355	A	41	G06F-003/00	

Abstract (Basic): TW 323355 A

A locating method is that a pointing device is used to select and locate a window frame as the located window frame from multiple window frames contained in a window interface. The window interface can only have one window frame selected as the located window frame, and the interface is displayed on a monitor screen. A window frame that is located in the window interface is displayed in a particular way on the

monitor screen, while the rest of window frames on the screen are displayed in a normal way. The point device includes a 2-dimensional control buttons for generating a 2-D index signal, and a cursor control mechanism for generating the cursor control signal to control the movement of cursor shown on the monitor screen. The point device is electrically connected to a computer that is electrically connected to the monitor. The computer contains a Windows software that includes a window frame control module for locating the window frame inside the window interface in accordance with the pointing signal, and a cursor control module for controlling the cursor movement of the cursor in accordance with the cursor control signal.

The method includes the following procedures a. Provide a position file of window frames that includes the represented position of every window frame inside window interface; b. Follow a designated direction to drive the window frame control button for generating a pointing signal; c. Use the control module of window frame to receive the pointing signal; d. Starting from the position of the located window frame, follow approximately the designated direction of the pointing signal and detect the position of another window frame contained in the position file of window frames; and e. Locate the detected window frame and show it on the monitor screen with the aforesaid particular method.

USE - For window frames used in computer window interface.

Dwg.12/12

Title Terms: LOCATE; METHOD; WINDOW; FRAME; PROGRAM; WINDOW; INTERFACE; COMPUTER; MOUSE; LOCATE; WINDOW; FRAME; PROGRAM; PROCESS; TWO-DIMENSIONAL; CONTROL; BUTTON; MOUSE

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

10/5/16 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011681487 **Image available**

WPI Acc No: 1998-098396/199809

XRPX Acc No: N98-079296

Pushbutton telephone for facsimile communication - assigns extension number to each telephone/facsimile corresponding to which facsimile data stored in several boxes are sequentially transmitted to destination facsimile during arrival of ring tone

Patent Assignee: NITTSUKO KK (NITT-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9327050	A	19971216	JP 96165226	A	19960604	199809 B

Priority Applications (No Type Date): JP 96165226 A 19960604

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9327050	A		6 H04Q-003/58	

Abstract (Basic): JP 9327050 A

The pushbutton telephone (100) includes a subscriber telephone circuit (101) connected to a telephone exchange (102) and with an extension telephone/facsimile (103). For each extension telephone/facsimile, an extension number is assigned corresponding to which a mail is assigned for storing the facsimile data.

When the ring tone is received through the pushbutton part, the facsimile data corresponding to the received number is stored in the box of each extension telephone/facsimile. After storing the facsimile data, the stored **data** from the **box** of each **extension** telephone/facsimile is automatically transmitted to the destination facsimile **terminal** sequentially.

ADVANTAGE - Enables automatic facsimile data transmission effectively.

Dwg.1/4

Title Terms: PUSHBUTTON; TELEPHONE; FACSIMILE; COMMUNICATE; ASSIGN; EXTEND;
NUMBER; TELEPHONE; FACSIMILE; CORRESPOND; FACSIMILE; DATA; STORAGE; BOX;
SEQUENCE; TRANSMIT; DESTINATION; FACSIMILE; ARRIVE; RING; TONE
Derwent Class: W01; W02
International Patent Class (Main): H04Q-003/58
International Patent Class (Additional): H04M-003/42; H04M-003/50;
H04M-011/00; H04N-001/00; H04N-001/21; H04N-001/32
File Segment: EPI

10/5/17 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011591235 **Image available**
WPI Acc No: 1998-008364/199801
XRPX Acc No: N98-006661

Video signal processing method - encoding video data which is transmitted to destination system which has processor to decode encoded data and display device displaying decode data in window of monitor

Patent Assignee: INTEL CORP (ITLC)
Inventor: DOWNS T
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5689800	A	19971118	US 95494013	A	19950623	199801 B

Priority Applications (No Type Date): US 95494013 A 19950623

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5689800	A	10	H04N-007/173	

Abstract (Basic): US 5689800 A

The method involves transmitting video data to a destination computer. The destination computer displays the video data.

The destination **computer** reduces one or more of the following video **data** display parameters: **window size**, resolution, and colour range. The destination **computer** notifies the source **computer** of the reduction of the video data display parameters.

The transmission of video data transmitted to the destination computer is adjusted in accordance with the reduction of the video data display parameters. The quality of video data which is transmitted to the destination computer is reduced in accordance with the reduction of the video data display parameters.

ADVANTAGE - Increased efficiency.

Dwg.4/4

Title Terms: VIDEO; SIGNAL; PROCESS; METHOD; ENCODE; VIDEO; DATA; TRANSMIT;
DESTINATION; SYSTEM; PROCESSOR; DECODE; ENCODE; DATA; DISPLAY; DEVICE;
DISPLAY; DECODE; DATA; WINDOW; MONITOR
Derwent Class: T01; W02; W04
International Patent Class (Main): H04N-007/173
File Segment: EPI

10/5/18 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011495469 **Image available**
WPI Acc No: 1997-473382/199744
XRPX Acc No: N97-394678

Graphical user interface method for automatically resizing window in response to changes in focus - automatically resizes all windows not having focus, and allows user to selectively re-size active windows without using icons

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: AMRO H Y

Number of Countries: 005 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 798627	A1	19971001	EP 97301510	A	19970306	199744 B
JP 10011259	A	19980116	JP 9768823	A	19970321	199813
US 5872567	A	19990216	US 96626751	A	19960329	199914
US 5990889	A	19991123	US 96626751	A	19960329	200002
			US 98169227	A	19981009	

Priority Applications (No Type Date): US 96626751 A 19960329; US 98169227 A 19981009

Cited Patents: Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 798627	A1	E	9	G06F-003/033	
Designated States (Regional): DE FR GB					
US 5990889	A			G06F-015/00	Cont of application US 96626751 Cont of patent US 5872567
JP 10011259	A		8	G06F-003/14	
US 5872567	A			G06F-015/00	

Abstract (Basic): EP 798627 A

The method for directing a **computer** system to automatically **resize** a first **information window** displayed on the **computer** display involves automatically calculating a zoomed out size for the first window in response to detecting a transfer from a first window to a second window.

The zoomed out size is used for automatically displaying on the computer display the first window and the information within it.

USE/ADVANTAGE - Automatically resizing open window in response to loss or gain in focus. Allows user to view multiple windows on screen by automatically zooming out all windows not having focus. User can selectively toggle window between zoomed out state and default state.

Dwg.3/3

Title Terms: GRAPHICAL; USER; INTERFACE; METHOD; AUTOMATIC; WINDOW; RESPOND ; CHANGE; FOCUS; AUTOMATIC; WINDOW; FOCUS; ALLOW; USER; SELECT; SIZE; ACTIVE; WINDOW

Derwent Class: T01

International Patent Class (Main): G06F-003/033; G06F-003/14; G06F-015/00

File Segment: EPI

10/5/19 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011364483 **Image available**

WPI Acc No: 1997-342390/199732

XRPX Acc No: N97-284035

Seal identifying device

Patent Assignee: CHAOSHUN SCI & TECHNOLOGY CO LTD CO ZHUH (CHAO-N)

Inventor: HUANG Q; LU N; ZHANG F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1107241	A	19950823	CN 94110855	A	19940218	199732 B

Priority Applications (No Type Date): CN 94110855 A 19940218

Abstract (Basic): CN 1107241 A

The machine is composed of a pick-up camera, microprocessor display, and connectors. The microprocessor comprises a CPU, memory, hard disk, soft disk, bus interface, extender slot, image processing card, serial port and parallel port. The image processing card is composed of an A-D converter, memory, image processing circuit, pattern recognition circuit and connectors. The A-D converter is connected to

the image output terminal. The pattern recognition circuit is connected to microprocessor.

Owing to that the **microcomputer** can adopt the main frame storage and **extender box** discrete structures, the **information** stored in the main frame library can be latched in the safe.

ADVANTAGE - Completes mark-examination course automatically, decreases pressure bearing on examiner, improves accuracy and scientific administration.

Dwg.1

Title Terms: SEAL; IDENTIFY; DEVICE

Derwent Class: T01

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06T-001/00

File Segment: EPI

10/5/20 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011319716 **Image available**

WPI Acc No: 1997-297620/199727

Related WPI Acc No: 1997-434662

XRPX Acc No: N97-245974

Desired behaviour in digital image detecting apparatus for stellate lesion in mammogram - has computer to compute edge orientation values of accessed digital image data for each pixel and to histogram computed edge orientation values of each pixel for presence of desired behaviour can be detected

Patent Assignee: KEGELMEYER W P (KEGE-I)

Inventor: KEGELMEYER W P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5633948	A	19970527	US 92983218	A	19921130	199727 B
			US 95380474	A	19950130	

Priority Applications (No Type Date): US 92983218 A 19921130; US 95380474 A 19950130

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5633948	A	16	G06K-009/00	Cont of application US 92983218

Abstract (Basic): US 5633948 A

The apparatus includes a keyboard or a scanner for inputting digital image **data**, a **window** of **size** 30 mm by 30 mm, and a **computer**. The window accesses each pixel of a digital image data and pixels surrounding each pixel in predetermined window dimensions.

The computer computes edge orientation values of the accessed digital image data for each pixel and histograms the computed edge orientation values of each of the pixels. The presence of a desired behaviour in each pixel for which the orientation histogram indicates a characteristic degree of orientation heterogeneity is then detected by the computer. Image extracts from known images can be used to grow a decision tree to label each pixel within a mammogram with its probability of containing an abnormality.

USE/ADVANTAGE - For detecting stellate lesion in digitized mammographic image data; industrial application e.g. texture discrimination in quality evaluation of CVD diamond film; medical imaging; target imaging; classification or identification of behaviour object in image data. Permits automatic detection of stellate lesion.

Dwg.7/9

Title Terms: BEHAVE; DIGITAL; IMAGE; DETECT; APPARATUS; STELLATE; LESION; COMPUTER; COMPUTATION; EDGE; ORIENT; VALUE; ACCESS; DIGITAL; IMAGE; DATA; PIXEL; HISTOGRAM; COMPUTATION; EDGE; ORIENT; VALUE; PIXEL; PRESENCE; BEHAVE; CAN; DETECT

Index Terms/Additional Words: ANALYSIS; OF; LOCAL; ORIENTATED; EDGES; ALOE

Derwent Class: S05; T01; T04
International Patent Class (Main): G06K-009/00
File Segment: EPI

10/5/21 (Item 15 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010998480 **Image available**
WPI Acc No: 1996-495429/199649
XRPX Acc No: N96-417932

Account situation referencing system for providing billing information to users connected to E-mail and commercial online service - has network host which provides reference result to user terminal through electronic mail

Patent Assignee: FUJITSU LTD (FUIT)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8256144	A	19961001	JP 9559563	A	19950317	199649 B

Priority Applications (No Type Date): JP 9559563 A 19950317
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8256144	A		16	H04L-012/14	

Abstract (Basic): JP 8256144 A

The system includes an user terminal (200) from which an account situation reference demand is received by an E-mail. The reference demand is analyzed and an account situation reference is performed.

A network host (100) provides this reference result to a mail box of the user terminal.

USE/ADVANTAGE - For procuring information about stock market prices, **computer** files, dictionary **data** . Shortens mail **box** access time. **Reduces** communication cost. Utilizes E-mail efficiently. Enables showing of account situation according to demand received from user.

Dwg.1/21

Title Terms: ACCOUNT; SITUATE; REFERENCE; SYSTEM; BILL; INFORMATION; USER; CONNECT; MAIL; COMMERCIAL; SERVICE; NETWORK; HOST; REFERENCE; RESULT; USER; TERMINAL; THROUGH; ELECTRONIC; MAIL

Derwent Class: T01; W01
International Patent Class (Main): H04L-012/14
International Patent Class (Additional): H04L-012/54; H04L-012/58
File Segment: EPI

10/5/22 (Item 16 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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010722628 **Image available**
WPI Acc No: 1996-219583/199622
XRPX Acc No: N96-184546

Data intensive system for terminal data collection - includes centre wherein data from several centre windows accumulated from specifically large numbered terminal is collected as one data

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8084157	A	19960326	JP 94240843	A	19940909	199622 B

Priority Applications (No Type Date): JP 94240843 A 19940909

Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes

Abstract (Basic): JP 8084157 A

The system has a public telecommunication network that collects data from a specifically large numbered terminal registered to a center beforehand. A connection network is structured like a tree, spreading the end so as to make several center windows the root.

The data of each terminal is collected to the center window of the connection network. The data sent to each center window is collected as one data in the center.

ADVANTAGE - Exceeds data-collection capability by center window polling because terminal data is efficiently collected by connection network. Minimises loss of data-collection work during conversation.

Dwg.3/11

Title Terms: DATA; INTENSE; SYSTEM; TERMINAL; DATA; COLLECT; CENTRE; DATA; CENTRE; WINDOW; ACCUMULATE; SPECIFIC; NUMBER; TERMINAL; COLLECT; ONE; DATA

Derwent Class: W01

International Patent Class (Main): H04L-012/44

File Segment: EPI

10/5/23 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010565828 **Image available**

WPI Acc No: 1996-062781/199607

XRPX Acc No: N96-052577

Cooperation control method between window device and camera - inputting window operating instruction to computer, then sending position and size data to display unit with information conversion part relocating window using camera instruction. NoAbstract.

Patent Assignee: FUJITSU LTD (FUJIT)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7320031	A	19951208	JP 94113144	A	19940526	199607 B

Priority Applications (No Type Date): JP 94113144 A 19940526

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 7320031 A 23 G06T-001/00

Title Terms: COOPERATE; CONTROL; METHOD; WINDOW; DEVICE; CAMERA; INPUT; WINDOW; OPERATE; INSTRUCTION; COMPUTER; SEND; POSITION; SIZE; DATA; DISPLAY; UNIT; INFORMATION; CONVERT; PART; RELOCATION; WINDOW; CAMERA; INSTRUCTION; NOABSTRACT

Index Terms/Additional Words: WORKSTATION; MULTI-WINDOW; SYSTEM

Derwent Class: T01; W04

International Patent Class (Main): G06T-001/00

International Patent Class (Additional): G06F-003/14; H04N-005/232

File Segment: EPI

10/5/24 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010514162 **Image available**

WPI Acc No: 1996-011113/199601

XRPX Acc No: N96-009528

Method for custom interactive user-interface element in frame of window of application program - using window manager to draw on computer display frame of window which includes icon for visually representing custom interactive user-interface element

Patent Assignee: APPLE COMPUTER INC (APPY)

Inventor: CRAYCROFT T J; ULRICH R R

Number of Countries: 064 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9531771	A1	19951123	WO 95US6114	A	19950515	199601 B
AU 9525161	A	19951205	AU 9525161	A	19950515	199620
US 5692142	A	19971125	US 94242450	A	19940513	199802
			US 96593171	A	19960201	
US 5838315	A	19981117	US 96593171	A	19960201	199902 N
			US 97977059	A	19971124	

Priority Applications (No Type Date): US 94242450 A 19940513; US 96593171 A 19960201; US 97977059 A 19971124

Cited Patents: 1.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9531771	A1	E	12	G06F-009/44	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9525161	A			G06F-009/44	Based on patent WO 9531771
US 5692142	A		5	G06F-003/14	Cont of application US 94242450
US 5838315	A			G06F-003/14	Cont of application US 96593171 Cont of patent US 5692142

Abstract (Basic): WO 9531771 A

The method involves storing information referring to an icon, stored as part of an application program and used to visually represent a custom interactive user-interface element. The icon information is stored in a location accessible to a window manager. The window manager draws on the **computer** display a frame of the window including drawing, at a **size** and location determined by the **window** manager, the **icon** used to visually represent the custom interactive user-interface element.

A custom interactive user-interface element is provided in a title bar of a window of an application program in a graphic, event-driven computer system with a computer display. The custom interactive user-interface element is provided by storing information referring to an icon stored as part of the application program and used to visually represent the custom interactive user-interface element, in a location accessible to a window manager.

USE/ADVANTAGE - For graphic, event driven computer system. Allows explicit support of custom gadgets in efficient way, requiring minimum application involvement, i.e. method is application-transparent.

Dwg.3/4

Title Terms: METHOD; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT; FRAME; WINDOW; APPLY; PROGRAM; WINDOW; MANAGE; DRAW; COMPUTER; DISPLAY; FRAME; WINDOW; VISUAL; REPRESENT; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT

Derwent Class: T01

International Patent Class (Main): G06F-003/14; G06F-009/44

File Segment: EPI

10/5/25 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010014880 **Image available**

WPI Acc No: 1994-282591/199435

XRAM Acc No: C94-128586

XRPX Acc No: N94-222806

Automatic management system for sawing curtain - has host computer to calculate series of operation data from dimensional data of measured window, etc.

Patent Assignee: KYOKUTO SANKI KK (KYOK-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 6209844	A	19940802	JP 9324948	A	19930121	199435 B

Priority Applications (No Type Date): JP 9324948 A 19930121

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 6209844	A	6	A47H-023/00	

Abstract (Basic): JP 6209844 A

Dimensional data of a measured window, a type of a plait, features of an original cloth, and the number of pieces of curtains to be made are all input into a host computer, and a series of operation data are automatically calculated.

USE - Used for automatically managing cutting and sawing processes of a curtain by a computer.

Dwg.2/3

Title Terms: AUTOMATIC; MANAGEMENT; SYSTEM; SAW; CURTAIN; HOST; COMPUTER; CALCULATE; SERIES; OPERATE; DATA; DIMENSION; DATA; MEASURE; WINDOW

Derwent Class: F05; P27; P56

International Patent Class (Main): A47H-023/00

International Patent Class (Additional): B23Q-041/00; D05B-023/00

File Segment: CPI; EngPI

10/5/26 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009865062 **Image available**

WPI Acc No: 1994-144924/199418

Related WPI Acc No: 1994-122716

XRPX Acc No: N94-114190

Data transmission system with packets having occupied, idle, released and reset states - assigns two windows to terminals of each unit of system for number of packets it may transmit

Patent Assignee: MATSUSHITA ELEC IND CO LTD (MATU); MATSUSHITA DENKI SANGYO KK (MATU)

Inventor: KUBOTA K; TANAKA T

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2104133	A	19940218	CA 2104133	A	19930816	199418 B
JP 6152620	A	19940531	JP 92302016	A	19921112	199426
JP 6209325	A	19940726	JP 933543	A	19930112	199434
US 5392286	A	19950221	US 93107219	A	19930816	199513

Priority Applications (No Type Date): JP 933543 A 19930112; JP 92217990 A 19920817; JP 92302016 A 19921112

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2104133	A	107	H04L-012/56	
JP 6152620	A	3	H04L-012/42	
JP 6209325	A	8	H04L-012/42	
US 5392286	A	44	H04J-003/24	

Abstract (Basic): CA 2104133 A

The system has one window of terminals as a parameter for transmitting data by using idle packets and the other by using released packets. The unit responds to the state of a received packet, the state of the windows, and the presence or absence of transmit data to control whether the packet transmitted from the unit is a packet from internal transforming buffers, a released packet from a released cell producing circuit or an occupied packet contg. data from the unit's own terminals.

A released packet contains the address of the unit which generated it and is generated when there is no data to be transmitted and an idle

packet is received by the unit. Any unit can occupy a released packet with data from its **terminal** within the second **window** band, **increasing data** throughput.

USE/ADVANTAGE - Multi-medium information organised into packets and transmitted among nodes interconnected on ring ATM network. High fairness and data throughput.

Dwg.5/25

Title Terms: DATA; TRANSMISSION; SYSTEM; PACKET; OCCUPY; IDLE; RELEASE; RESET; STATE; ASSIGN; TWO; WINDOW; TERMINAL; UNIT; SYSTEM; NUMBER; PACKET; TRANSMIT

Derwent Class: W01

International Patent Class (Main): H04J-003/24; H04L-012/42; H04L-012/56

International Patent Class (Additional): H04L-012/48

File Segment: EPI

10/5/27 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009675449 **Image available**

WPI Acc No: 1993-369002/199346

Related WPI Acc No: 1992-308051

XRAM Acc No: C93-163818

XRPX Acc No: N93-284789

Electrochromic devices for windows, displays and voltage indicators - contg. electrodes comprising reversible mercaptan or organothiolate films

Patent Assignee: UNIV CALIFORNIA (REGC)

Inventor: DOEFF M M; LAMPERT C M; MA Y; VISCO S

Number of Countries: 040 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9322707	A1	19931111	WO 93US3675	A	19930419	199346 B
AU 9343534	A	19931129	AU 9343534	A	19930419	199411
US 5442478	A	19950815	US 90606063	A	19901030	199538
			US 92872830	A	19920423	

Priority Applications (No Type Date): US 92872830 A 19920423; US 90606063 A 19901030

Cited Patents: US 3451741; US 4781443; US 4992559; US 5124080; US 5128799; US 5206756; US 5215684

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9322707 A1 E 51 G02F-001/153

Designated States (National): AU BB BG BR CA CZ FI HU JP KR LK MG MN MW NO NZ PL RO RU SD SK UA

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE

AU 9343534 A G02F-001/153 Based on patent WO 9322707

US 5442478 A 13 G02F-001/153 CIP of application US 90606063

CIP of patent US 5142406

Abstract (Basic): WO 9322707 A

An electrochromic cell comprises an ion storage/dispersed electrochromic reservoir comprising (a) an electrochromic material; and (b) a redox material which serves as an ion storage medium.

Also claimed are the following: (i) an electrochromic cell comprising (a) an electrochromic electrode comprising an electrochromic material, and (b) a composite counter electrode comprised of a redox material which serves as an ion storage medium; (ii) an electrochromic device comprising (a) an ion storage/dispersed electrochromic reservoir capable of existing in a transparent electrical charge state and comprising (1) an electrochromic material, (2) an organosulphur material and (3) a polymer electrolyte material, (b) a first transparent electrically conductive film in electrical contact with the first surface of the ion storage/dispersed electrochromic reservoir, (c) a second transparent electrically conductive film in electrical

contact with a second surface of the ion storage/dispersed electrochromic reservoir.

USE/ADVANTAGE - Used as windows for watches, calculators and computer display screens; eye protection; switchable mirrors and sun visors; automobile, architectural, aircraft, marine, and spacecraft windows ; large area information displays; voltage indicators; computer memory elements; and auto headlamp covers. The electrochromic devices eliminate the need for two electrochromic electrodes with complimentary or matching properties, eliminate the need for a separation member between the electrochromic electrode and a counter electrode, eliminate the need to balance the capacity of the ion storage layer and electrochromic layer, and will uniformly cycle between coloured and uncoloured states without loss of colour uniformity.

Dwg.1/5

Title Terms: ELECTROCHROMIC; DEVICE; WINDOW; DISPLAY; VOLTAGE; INDICATE;
CONTAIN; ELECTRODE; COMPRISE; REVERSE; MERCAPTAN; ORGANO; THIOLATE; FILM
Derwent Class: A85; E19; E37; L03; P81; S01; S02; U14; W06
International Patent Class (Main): G02F-001/153
International Patent Class (Additional): G02F-001/15
File Segment: CPI; EPI; EngPI

10/5/28 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009622421 **Image available**

WPI Acc No: 1993-315970/199340

XRPX Acc No: N93-243584

Slot ring control system in network for transferring window size on slot
ring balancing each node - has controller connected to slot ring, waiting
Q buffer holding transmitting data from terminal window size
buffer transmitting S slot data to slot ring in node NoAbstract

Patent Assignee: FUJITSU LTD (FUJIT)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 5227178	A	19930903	JP 9225503	A	19920212	199340 B

Priority Applications (No Type Date): JP 9225503 A 19920212

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 5227178	A	7	H04L-012/42	

Abstract (Basic): JP 5227178 A

Dwg.1/6

Title Terms: SLOT; RING; CONTROL; SYSTEM; NETWORK; TRANSFER; WINDOW; SIZE;
SLOT; RING; BALANCE; NODE; CONTROL; CONNECT; SLOT; RING; WAIT; BUFFER;
HOLD; TRANSMIT; DATA; TERMINAL; WINDOW; SIZE; BUFFER; TRANSMIT; SLOT;
DATA; SLOT; RING; NODE; NOABSTRACT

Derwent Class: W01

International Patent Class (Main): H04L-012/42

International Patent Class (Additional): H04L-005/22

File Segment: EPI

10/5/29 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008494108

WPI Acc No: 1990-381108/199051

Mail box control system for data switching network - notifies terminal
when hold time of text in mail box exceeds predetermined limit

NoAbstract Dwg 1/1

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2277343	A	19901113	JP 8999786	A	19890418	199051 B

Priority Applications (No Type Date): JP 8999786 A 19890418

Title Terms: MAIL; BOX; CONTROL; SYSTEM; DATA; SWITCH; NETWORK;

NOTIFICATION; TERMINAL; HOLD; TIME; TEXT; MAIL; BOX; PREDETERMINED; LIMIT
; NOABSTRACT

Derwent Class: W01

International Patent Class (Additional): H04L-012/54

File Segment: EPI

10/5/30 (Item 24 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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007760235 **Image available**

WPI Acc No: 1989-025347/198904

XRPX Acc No: N89-019328

**Support for print-out to be hung or carried - has central body with
terminal attachments and central attachment with handle and side panels
at sides of central body**

Patent Assignee: SEIMA ITAL SPA (SIGH)

Inventor: CAPELLARI E; COSSETTI G; DAGARO A

Number of Countries: 014 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 300116	A	19890125	EP 88101803	A	19880208	198904 B
US 4893714	A	19900116	US 88158220	A	19880219	199010
EP 300116	B1	19920708	EP 88101803	A	19880208	199228
DE 3872615	G	19920813	DE 3872615	A	19880208	199234
			EP 88101803	A	19880208	
CA 1305693	C	19920728	CA 558969	A	19880216	199236

Priority Applications (No Type Date): IT 8760411 A 19870721

Cited Patents: A3...8918; DE 1761772; GB 2018202; No-SR.Pub

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 300116	A	E 5		
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Designated States (Regional): AT BE CH DE ES FR GB GR LI LU NL SE

US 4893714	A	5		
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EP 300116	B1	E 5	B42F-013/12	
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Designated States (Regional): AT BE CH DE ES FR GB GR LI LU NL SE

DE 3872615	G		B42F-013/12	Based on patent EP 300116
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CA 1305693	C		B42F-013/12	
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Abstract (Basic): EP 300116 A

The support for print outs has a central body (11) which has terminal attachments (13) and a central attachment (12). A handle (14) and side panels (17) are made at the side of the central body symmetrically along the length of the body. The body has one **terminal limiting** device (16) and one **window** (15) to display **information**.

Each of the side panels has an inner portion (18) and an outer portion (118) which provide preferred folding lines. Holes (19) are provided to give passage for device (21,23) to clamp and bear print outs.

ADVANTAGE - Displays information freely.

5/5

Title Terms: SUPPORT; PRINT-OUT; HUNG; CARRY; CENTRAL; BODY; TERMINAL;

ATTACH; CENTRAL; ATTACH; HANDLE; SIDE; PANEL; SIDE; CENTRAL; BODY

Derwent Class: P25; P27; P76

International Patent Class (Main): B42F-013/12

International Patent Class (Additional): A47B-081/00; A47F-007/16;

B42F-013/04; B42F-015/00

File Segment: EngPI

13/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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06290611 **Image available**
METHOD AND DEVICE FOR REMOTELY INTERACTING WITH HARDWARE DEVICE

PUB. NO.: 11-232203 [JP 11232203 A]
PUBLISHED: August 27, 1999 (19990827)
INVENTOR(s): **AMRO HATIM YOUSEF**
DODSON JOHN PAUL
APPLICANT(s): INTERNATL BUSINESS MACH CORP <IBM>
APPL. NO.: 10-296424 [JP 98296424]
FILED: October 19, 1998 (19981019)
PRIORITY: 971737 [US 1737], US (United States of America), November 17,
1997 (19971117)
INTL CLASS: G06F-013/00; H04L-012/54; H04L-012/58

ABSTRACT

PROBLEM TO BE SOLVED: To allow a specific part of an equipment to execute required work by using an interconnection network (Internet) and to eliminate the need for existence of a person related to the work by loading down an HTML page through the Internet or another network, fetching information related to the state of a remote device and programming a specific characteristic.

SOLUTION: A web browser 516 is used for communication with a computer 502 connected to the Internet 512. When a user requests the fetch of an HTML page 506 stored in a server 88 and specifies the URL of the HTML page 506 to the web browser 516, communication through the Internet 512 is established and the HTML page 506 is finally loaded to the web browser 516. The HTML page 506 communicates with a program B 510 through a LAN or the like or fetches information from a corresponding device 504 or 504N.

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13/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
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05908095 **Image available**
METHOD AND SYSTEM FOR INTERACTIVELY DISPLAYING PROGRAM INFORMATION ON TELEVISION SCREEN

PUB. NO.: 10-191195 [JP 10191195 A]
PUBLISHED: July 21, 1998 (19980721)
INVENTOR(s): **DODSON JOHN PAUL**
AMRO HATIM YOUSEF
APPLICANT(s): INTERNATL BUSINESS MACH CORP <IBM> [000709] (A Non-Japanese Company or Corporation), US (United States of America)
APPL. NO.: 09-321221 [JP 97321221]
FILED: November 21, 1997 (19971121)
PRIORITY: 7-764,693 [US 764693-1996], US (United States of America),
December 11, 1996 (19961211)
7-764,694 [US 764694-1996], US (United States of America),
December 11, 1996 (19961211)
7-764,695 [US 764695-1996], US (United States of America),
December 11, 1996 (19961211)
INTL CLASS: [6] H04N-005/445; G06T-011/80; H04N-005/44; H04N-005/45
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 45.9 (INFORMATION PROCESSING -- Other)

13/5/3 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

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013893045 **Image available**

WPI Acc No: 2001-377258/200140

XRPX Acc No: N01-276166

Personal digital assistant for performing remote control of apparatus has interface which enables control program to control apparatus when inquiry is provided by first radio communication port

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: AMRO H Y ; DODSON J P ; KRAFT G; TAYLOR K R

Number of Countries: 028 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000324568	A	20001124	JP 200072274	A	20000315	200140 B
CN 1268697	A	20001004	CN 2000104385	A	20000323	200140
KR 2000071471	A	20001125	KR 200014746	A	20000323	200140
EP 1107209	A1	20010613	EP 2000301542	A	20000228	200141

Priority Applications (No Type Date): US 99282629 A 19990331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 2000324568	A		11	H04Q-009/00	
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CN 1268697	A			G06F-015/00	
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KR 2000071471	A			H04Q-009/00	
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EP 1107209	A1 E			G08C-019/28	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): JP 2000324568 A

NOVELTY - An interface enables a control program to control an apparatus (120) when an inquiry is provided by a first radio communication port (122) from a second radio communication port (112). The control program is used by a processor (114) connected to the second radio communication port.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) a remote control procedure for performing remote control of apparatus by using personal digital assistant;

(b) and a remote control system using personal digital assistant.

USE - For performing remote control of apparatus.

ADVANTAGE - Performs remote control of apparatus from distant place by radio communication.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the personal digital assistant and the apparatus for control.

Second radio communication port (112)

Processor (114)

Apparatus (120)

First radio communication port (122)

pp; 11 DwgNo 6/11

Title Terms: PERSON; DIGITAL; ASSIST; PERFORMANCE; REMOTE; CONTROL;

APPARATUS; INTERFACE; ENABLE; CONTROL; PROGRAM; CONTROL; APPARATUS;

ENQUIRY; FIRST; RADIO; COMMUNICATE; PORT

Derwent Class: T01; W01; W05

International Patent Class (Main): G06F-015/00; G08C-019/28; H04Q-009/00

International Patent Class (Additional): G06F-003/00; G06F-013/00;

H04L-012/28; H04L-029/06; H04Q-009/02

File Segment: EPI

13/5/4 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013619315 **Image available**

WPI Acc No: 2001-103523/200112

XRPX Acc No: N01-076704

Method for selectively displaying icons on computer display by

determining for each icon in list if icon belongs to first group of associated icons and displaying icon on main background if it belongs to first-selected group

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: **AMRO H Y ; DODSON J P**

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2298437	A1	20000930	CA 2298437	A	20000216	200112 B
JP 2000305696	A	20001102	JP 200088642	A	20000328	200112

Priority Applications (No Type Date): US 99282623 A 19990331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CA 2298437	A1	E	21	G06F-009/44	
JP 2000305696	A		12	G06F-003/00	

Abstract (Basic): CA 2298437 A1

NOVELTY - The method involves compiling a list of all icons to be displayed on a main background. For each icon in the list it requires determination if the icon belongs to a first group of associated icons. The icon on the main background is displayed if the icon belongs to the first group and the first group is selected.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a computer program product within a computer usable medium

(b) a computer system

USE - In management of graphic objects in a graphical user interface for grouping icons according to application type, function, or any other user-defined way.

ADVANTAGE - Any specific icon can be easily located by enabling the application group or groups to whom that icon belongs, and screen clutter is significantly reduced.

DESCRIPTION OF DRAWING(S) - The drawing shows a high level flowchart for a process to determine which icons are shown in the main background desktop in accordance with the preferred embodiment of the present invention.

pp; 21 DwgNo 8/8

Title Terms: METHOD; SELECT; DISPLAY; COMPUTER; DISPLAY; DETERMINE; LIST; BELONG; FIRST; GROUP; ASSOCIATE; DISPLAY; MAIN; BACKGROUND; BELONG; FIRST ; SELECT; GROUP

Derwent Class: T01

International Patent Class (Main): G06F-003/00; G06F-009/44

International Patent Class (Additional): G11B-023/00

File Segment: EPI

13/5/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013098395 **Image available**

WPI Acc No: 2000-270267/200023

XRPX Acc No: N00-202376

Enhanced on-line search processing method for distributed computer network

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: **AMRO H Y ; DODSON J P**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6041326	A	20000321	US 97971018	A	19971114	200023 B

Priority Applications (No Type Date): US 97971018 A 19971114

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6041326	A		15	G06F-017/00	

Abstract (Basic): US 6041326 A

NOVELTY - A search parameter is sent from a local network site to an on-line search engine in a remote network site, to initiate a data searching over a distributed computer network. A designated independent user-defined plug-in program automatically links to the sent search parameter such that data searching in computer network is filtered using independent user-defined plug-in program and search parameter.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) an enhanced on-line search processing system;
- (b) and a computer program.

USE - Applicable for distributed computer network.

ADVANTAGE - Enables improvement of information retrieval using with or without graphical user interface in the distributed computer network.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart for on-line search engine customize processing method.

pp; 15 DwgNo 7/8

Title Terms: ENHANCE; LINE; SEARCH; PROCESS; METHOD; DISTRIBUTE; COMPUTER; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

13/5/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012865335 **Image available**

WPI Acc No: 2000-037168/200003

XRPX Acc No: N00-027879

Image navigation control method for window type environments

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AMRO H Y ; DODSON J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5977970	A	19991102	US 97971169	A	19971114	200003 B

Priority Applications (No Type Date): US 97971169 A 19971114

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5977970	A		23	G06F-003/14	

Abstract (Basic): US 5977970 A

NOVELTY - A navigational area is created and a location indicator is inserted to the area. The indicator is dragged and dropped from an initial to a final position, prior to moving the image to indicate the distance. The image within the windows confinement is then moved in predetermined direction and distance corresponding to the initial and final positions of the location indicator.

DETAILED DESCRIPTION - The dragging and dropping could be done either by a mouse or touch screen. The navigational area is superimposed on the image and has same color and shape as image to provide minimal interference with the image. INDEPENDENT CLAIMS are also included for the following:

- (a) apparatus for navigating an image;
- (b) computer program for navigating an image

USE - For controlling navigation of moving information in display window of computer systems and PDA.

ADVANTAGE - Required navigational functionality is provided while retaining the speed and ease of use by the user. Allows user to perform navigation in any direction, by simply directing the indicator to move from its initial location to new location.

DESCRIPTION OF DRAWING(S) - The figure illustrates right, down, diagonal movement of the image using navigation control method.

pp; 23 DwgNo 18/21

Title Terms: IMAGE; NAVIGATION; CONTROL; METHOD; WINDOW; TYPE; ENVIRONMENT
Derwent Class: T01; T04
International Patent Class (Main): G06F-003/14
File Segment: EPI

13/5/7 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012712078 **Image available**
WPI Acc No: 1999-518191/199943
XRPX Acc No: N99-385384

Object marking and retrieving method in data processing system

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AMRO H Y ; DAO D L; DODSON J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5950216	A	19990907	US 96748221	A	19961112	199943 B

Priority Applications (No Type Date): US 96748221 A 19961112

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5950216	A		13	G06F-015/163	

Abstract (Basic): US 5950216 A

NOVELTY - The compound document is automatically scrolled corresponding to location of object, based on digital horizontal line, dialog box including label and calculated page number of objects.

DETAILED DESCRIPTION - A horizontal line is displayed with a scroll bar, corresponding to relative location of multiple objects within multipage compound document (11). A dialog box is displayed corresponding to location of horizontal line, in response to user input. The page number of multiple object within multipage document is calculated and the particular page number is stored in a dialog box, automatically.

USE - In data processing system for marking and retrieving objects from compound document.

ADVANTAGE - Allows user to effectively and efficiently maintain uniform object container with compound document by directing CPU to expand object container as new objects are added to object container.

DESCRIPTION OF DRAWING(S) - The figure shows sample compound document enclosed within window having scroll bar and elevator.

Multipage compound document (11)
pp; 13 DwgNo 1/7

Title Terms: OBJECT; MARK; RETRIEVAL; METHOD; DATA; PROCESS; SYSTEM
Derwent Class: T01
International Patent Class (Main): G06F-015/163
File Segment: EPI

13/5/8 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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012473943 **Image available**
WPI Acc No: 1999-280051/199927
XRPX Acc No: N99-210043

Remotely controlling device over Internet

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: AMRO H Y ; DODSON J P

Number of Countries: 028 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 917052	A1	19990519	EP 98309279	A	19981112	199927 B
JP 11232203	A	19990827	JP 98296424	A	19981019	199945

CN 1226709 A 19990825 CN 98124000 A 19981111 199952
KR 99044849 A 19990625 KR 9842600 A 19981012 200036

Priority Applications (No Type Date): US 97971737 A 19971117

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 917052 A1 E 16 G06F-009/44

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

JP 11232203 A 12 G06F-013/00

CN 1226709 A G06F-015/163

KR 99044849 A G06F-009/00

Abstract (Basic): EP 917052 A1

NOVELTY - Method consists in retrieving the current status of the device via the Internet, displaying it in a web browser, retrieving user information for programming the device and transmitting this to the device via the Internet to program it.

USE - Method enables programming of e.g. a video recorder over the Internet.

ADVANTAGE - Method eliminates the need for a human presence to carry out a task.

pp; 16 DwgNo 5/9

Title Terms: REMOTE; CONTROL; DEVICE

Derwent Class: T01

International Patent Class (Main): G06F-009/00; G06F-009/44; G06F-013/00; G06F-015/163

International Patent Class (Additional): H04L-012/54; H04L-012/58

File Segment: EPI

13/5/9 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012336239 **Image available**

WPI Acc No: 1999-142346/199912

XRFX Acc No: N99-103472

Specific type objects searching and retrieving method from compound document such as graphics objects, spread sheets

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AMRO H Y ; DAO D L; DODSON J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5867678	A	19990202	US 96771349	A	19961216	199912 B

Priority Applications (No Type Date): US 96771349 A 19961216

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5867678 A 13 G06F-003/14

Abstract (Basic): US 5867678 A

NOVELTY - The relative location of a first object of selected object type is dynamically searched from among various sequential objects of selected object type contained within compound document, according to selection result. The first object of selected object type is automatically scrolled to relative location on compound document, in response to user controls based on particular color associated with first object.

DETAILED DESCRIPTION - A dialog box (102) which is displayed in a GUI environment based on user input, includes listing of object type each one associated with particular color. One of the object types is selected from listing of object types. INDEPENDENT CLAIMS are included for the following:

- (a) data processing system;
- (b) computer program product.

USE - In data processing system e.g. computer system.
ADVANTAGE - Provides reliable and efficient technique for
retrieving specific type of objects.
DESCRIPTION OF DRAWING(S) - The figure shows GUI window and dialog
box.

Dialog box 102

pp; 13 DwgNo 5a/5

Title Terms: SPECIFIC; TYPE; OBJECT; SEARCH; RETRIEVAL; METHOD; COMPOUND;
DOCUMENT; GRAPHIC; OBJECT; SPREAD; SHEET

Derwent Class: T01

International Patent Class (Main): G06F-003/14

File Segment: EPI

13/5/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011904953 **Image available**

WPI Acc No: 1998-321863/199828

XRPX Acc No: N98-251694

**Object location method for compound documents - involves scrolling
display container from first position on display in response to user
controls, and displaying outline of second portion of compound document
in display container**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AMRO H Y ; DODSON J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5757370	A	19980526	US 96703218	A	19960826	199828 B

Priority Applications (No Type Date): US 96703218 A 19960826

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5757370	A		8	G06F-003/00	

Abstract (Basic): US 5757370 A

A method for directing a computer system to locate at least one
portion of a compound document involves creating an outline for each
portion of the compound document. A display container is displayed in a
first position on the display. The first position corresponds to a
first portion of the compound document.

The display container is scrolled from the first position to at
least a second position on the display, in response to user controls.
The second position corresponds to a second portion of the compound
document. The outline of the second portion of the compound document is
displayed in the display container.

USE - For locating portions e.g. pages, in compound documents.

ADVANTAGE - Speeds searches through compound documents. Makes GUI
more user friendly and efficient.

Dwg.3/5

Title Terms: OBJECT; LOCATE; METHOD; COMPOUND; DOCUMENT; SCROLL; DISPLAY;
CONTAINER; FIRST; POSITION; DISPLAY; RESPOND; USER; CONTROL; DISPLAY;
OUTLINE; SECOND; PORTION; COMPOUND; DOCUMENT; DISPLAY; CONTAINER

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

13/5/11 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011904929 **Image available**

WPI Acc No: 1998-321839/199828

XRPX Acc No: N98-251670

Keyboard cap extension assembly for data entry processing using computer keyboards - has main body having upper planar surface extending over keys adjacent to key fixed to main body

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: **AMRO H Y** ; DAO D L; **DODSON J P**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5757292	A	19980526	US 96748439	A	19961113	199828 B

Priority Applications (No Type Date): US 96748439 A 19961113

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5757292	A		10	H03M-011/00	

Abstract (Basic): US 5757292 A

The assembly has main body (74) which is fixed to a particular key among several keys in a keyboard for data processing operation. The main body has an upper planar surface extending partially over the keys adjoining to that particular key. The main body is attached to that particular key so that the particular key is only activated, when depressing the upper planar surface of the main body.

USE - For running various application like game software.

ADVANTAGE - Applies to different types of keyboards having different sizes. Reduces burden of user remarkably. Facilitates quick response. Facilitates efficient and effective operation with any computer keyboard.

Dwg.3/6

Title Terms: KEYBOARD; CAP; EXTEND; ASSEMBLE; DATA; ENTER; PROCESS; COMPUTER; KEYBOARD; MAIN; BODY; UPPER; PLANE; SURFACE; EXTEND; KEY; ADJACENT; KEY; FIX; MAIN; BODY

Derwent Class: T04; U21

International Patent Class (Main): H03M-011/00

File Segment: EPI

13/5/12 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011897944 **Image available**

WPI Acc No: 1998-314854/199828

XRPX Acc No: N98-246873

Interactively accessing program information on television - by generating at least one automatic search term regarding television program based on search request and searching on-line service based on that term

Patent Assignee: INT BUSINESS MACHINES CORP (IBM) ; IBM CORP (IBM)

Inventor: **AMRO H Y** ; DOBSON J P; **DODSON J P**

Number of Countries: 030 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 848554	A2	19980617	EP 97309853	A	19971208	199828 B
CA 2223809	A	19980611	CA 2223809	A	19971205	199839
JP 10191195	A	19980721	JP 97321221	A	19971121	199839
TW 339431	A	19980901	TW 97108861	A	19970625	199901
CN 1197353	A	19981028	CN 97122289	A	19971110	199911
KR 98063435	A	19981007	KR 9742103	A	19970828	199949
US 6184877	B1	20010206	US 96764695	A	19961211	200109

Priority Applications (No Type Date): US 96764695 A 19961211; US 96764693 A 19961211; US 96764694 A 19961211

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 848554	A2	E	16	H04N-007/173	

Designated States (Regional): AL AT BE CH DE DK ES FI FR GB GR IE IT LI

LT	LU	LV	MC	MK	NL	PT	RO	SE	SI
CA	2223809		A					H04N-007/173	
JP	10191195		A		14			H04N-005/445	
TW	339431		A					G06F-009/06	
CN	1197353		A					H04N-007/10	
KR	98063435		A					H04N-007/10	
US	6184877		B1					H04N-005/445	

Abstract (Basic): EP 848554 A

The method involves receiving a search request regarding a television program. At least one automatic search term regarding the television program is generated based upon the search request. An on-line service is searched based upon the automatic search term for the requested information. Changes are incorporated to the at least one automatic search term. The changes include adding or deleting a search term.

The automatic search term is displayed on the television, overlaid onto a current program on the television. A list of at least one hit returned from the on-line search is displayed. The at least one hit is selectable to display text associated with it. The steps of the method are stopped when a cancel request is received.

USE - For accessing television program information.

ADVANTAGE - Provides information for all television channels centrally. Increases access speed of information.

Dwg.2/9

Title Terms: INTERACT; ACCESS; PROGRAM; INFORMATION; TELEVISION; GENERATE; ONE; AUTOMATIC; SEARCH; TERM; TELEVISION; PROGRAM; BASED; SEARCH; REQUEST ; SEARCH; LINE; SERVICE; BASED; TERM

Index Terms/Additional Words: DIRECT; TO; HOME; MMDS; DTH

Derwent Class: W02; W03

International Patent Class (Main): G06F-009/06; H04N-005/445; H04N-007/10; H04N-007/173

International Patent Class (Additional): G06T-011/80; H04N-005/44; H04N-005/45; H04N-005/50; H04N-007/08

File Segment: EPI

13/5/13 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011549535 **Image available**

WPI Acc No: 1997-526016/199748

XRPX Acc No: N97-438424

Method of effectively locating an object within a compound document using an elevator - involves scrolling elevator to at least a second position for displaying outline corresponding to second position of elevator in display container on display

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: AMRO H Y ; DODSON J P

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5680561	A	19971021	US 96703217	A	19960826	199748 B

Priority Applications (No Type Date): US 96703217 A 19960826

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5680561	A		8	G06F-003/00	

Abstract (Basic): US 5680561 A

A method for locating an object in a compound document involves initially creating an outline for each portion of the compound document and then displaying on the display an elevator in a first position, where the first position of the elevator corresponds to a first portion of the compound document and then, in response to invoking a command by user controls, displaying on the display a display container where the

display container displays the outline of the first portion corresponding to the first position of the elevator.

In response to scrolling the elevator to at least a second position, the outline for a second portion of the compound document, corresponding to the second position of the elevator, is displayed in the display container on the display.

USE/ADVANTAGE - For directing a computer system, having at least a processor, display, user controls, and memory, to locate at least one portion, such as a page containing one more objects and text, within a compound document. Capable of enabling user to efficiently and effectively to locate specific pages within a compound document.

Dwg.3/5

Title Terms: METHOD; EFFECT; LOCATE; OBJECT; COMPOUND; DOCUMENT; ELEVATOR;
SCROLL; ELEVATOR; SECOND; POSITION; DISPLAY; OUTLINE; CORRESPOND; SECOND;
POSITION; ELEVATOR; DISPLAY; CONTAINER; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File 344:CHINESE PATENTS ABS APR 1985-2001/Jul
 (c) 2001 EUROPEAN PATENT OFFICE
 File 347:JAPIO OCT 1976-2001/Apr(UPDATED 010813)
 (c) 2001 JPO & JAPIO
 File 350:Derwent WPIX 1963-2001/UD,UM &UP=200149
 (c) 2001 Derwent Info Ltd

Set	Items	Description
S1	7163	(DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR ICON OR ICONS) (3N) (BOX? OR WINDOW?) OR WIDGET?
S2	5583444	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR - LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI- ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA- GNITUD? OR PROPORTION?
S3	3730503	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO- NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	1584741	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()- PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C- ONSOLE? OR TERMINAL?
S5	11218	(COMPUTER? OR PC) (3N) (LAPTOP OR PALM()TOP OR PALMTOP OR HA- ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK- ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA- L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	7638623	S2 OR S3
S7	672	S6(5N)S1
S8	1584741	S4 OR S5
S9	245	S7 AND S8
S10	150	S9 AND (IC=G06F-015? OR IC=G06F-003?)
S11	83	S9 AND (IC=G06F-015/00 OR IC=G06F-003/14)
S12	23	S9 AND MC=T01-J12B

12/5/1 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013965953 **Image available**
WPI Acc No: 2001-450167/200148
XRPX Acc No: N01-333166

Signal measurement system for display and control of dialog boxes in graphical user interface, has dialog box control system which switches user dialog box not having preset relation with selected dialog box

Patent Assignee: AGILENT TECHNOLOGIES INC (AGIL-N)

Inventor: ALEXANDER J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6239796	B1	20010529	US 9894088	A	19980609	200148 B

Priority Applications (No Type Date): US 9894088 A 19980609

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6239796	B1		33	G06F-003/14	

Abstract (Basic): US 6239796 B1

NOVELTY - A dialog box control system manages user interface display and interactivity of a selected dialog box among several dialog boxes to be opened on the user interface, corresponding to selected dialog launch modalities. For each of the dialog launch modalities, the dialog box control system opens and closes dialog boxes which are not having a preset relationship with selected dialog box.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Graphical user interface display managing method;
- (b) Dialog boxes managing method;
- (c) Dialog box control system

USE - For display and control of dialog boxes in graphical user interface of **computer** system.

ADVANTAGE - Since the dialog box control system closes and opens dialog boxes which are not having preset relationship with selected dialog box, a high display clarity is achieved for the selected dialog box modalities. As the control system controls user interactivity with the user interface beyond an active **dialog box**, an **extent** of system interactivity associated with selected dialog box is achieved.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart of process performed by the single measurement system upon receipt of an activation request.

pp; 33 DwgNo 9A/12

Title Terms: SIGNAL; MEASURE; SYSTEM; DISPLAY; CONTROL; BOX; GRAPHICAL; USER; INTERFACE; BOX; CONTROL; SYSTEM; SWITCH; USER; BOX; PRESET; RELATED; SELECT; BOX

Derwent Class: T01

International Patent Class (Main): G06F-003/14

File Segment: EPI

12/5/2 (Item 2 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013945081 **Image available**
WPI Acc No: 2001-429294/200146
XRPX Acc No: N01-318737

Information processing procedure for information processing system operating X-Window application involves displaying compressed data in window of display device corresponding to host by Java applet

Patent Assignee: CHIKYU KAGAKU SOGO KENKYUSHO KK (CHIK-N); MERCURY INT TECHNOLOGY INC (MERC-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001147895	A	20010529	JP 99330887	A	19991122	200146 B

Priority Applications (No Type Date): JP 99330887 A 19991122

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001147895	A	18	G06F-015/00	

Abstract (Basic): JP 2001147895 A

NOVELTY - A process section (2d) performs process corresponding to a command transmitted to JAX server (2a). The process result is written in a virtual screen (2e). A compression zone (2f) compresses the data of the virtual screen. A transmission section (2g) sends the compressed data to a **terminal** (3). A Java applet (3a) displays the data in the window of a display device (4) corresponding to a host (1).

DETAILED DESCRIPTION - The X-Window application (1a) of the host transmits the command to JAX server corresponding to the execution result of a program. A command process section (2b) interprets the command. The **terminal** transmits a program name and a user name to JAX server. The execution of the program is indicated to the host.

INDEPENDENT CLAIMS are also included for the following:

- (a) a information processing system operating X-Window application;
- (b) and a recording medium for storing information processing program.

USE - For information processing system operating X-Window application.

ADVANTAGE - Improves security as X-Window application is performed from the **terminal** to the remote host via JAX server. Enables JAX server to reduce amount of data transmission between **terminal** and host.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information processing system which applies the information processing procedure. (Drawing includes non-English language text).

Host (1)
X-Window application (1a)
JAX server (2a)
Process section (2b)
Process section (2d)
Virtual screen (2e)
Compression zone (2f)
Transmission section (2g)
Terminal (3)
Java applet (3a)
Display device (4)
pp; 18 DwgNo 1/22

Title Terms: INFORMATION; PROCESS; PROCEDURE; INFORMATION; PROCESS; SYSTEM; OPERATE; WINDOW; APPLY; DISPLAY; COMPRESS; DATA; WINDOW; DISPLAY; DEVICE; CORRESPOND; HOST

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

12/5/3 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013513878 **Image available**

WPI Acc No: 2000-685824/200067

XRPX Acc No: N00-506953

Status indicating method for docked application, application tool bars in personal computer, involves changing mode of application bar to visible mode if tolerances for status of hidden application bar are exceeded

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: HALL G E; MOLANDER M E; SHIELDS I B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6108003	A	20000822	US 9840732	A	19980318	200067 B

Priority Applications (No Type Date): US 9840732 A 19980318

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6108003	A	50	G06F-003/00	

Abstract (Basic): US 6108003 A

NOVELTY - The method involves setting a profile for hidden application bar of an application displayed in windows of a presentation space. The profile comprises one or more tolerances for status of application bar, when it is in hidden mode. The application bar changes from hidden mode to fully visible mode, if the tolerances provided for status is exceeded.

USE - For docked applications and application tool bars in personal computer .

ADVANTAGE - Ensures prompt notification of change in status of application bar to user. Prevents user from inhibiting access to important status information. **Minimizes** screen space when **information** is conveyed in **window** system.

DESCRIPTION OF DRAWING(S) - The figure shows movement of application bar to edge in builders when user attempts to position application bar off the screen.

pp; 50 DwgNo 4a/6

Title Terms: STATUS; INDICATE; METHOD; DOCK; APPLY; APPLY; TOOL; BAR; PERSON; **COMPUTER** ; CHANGE; MODE; APPLY; BAR; VISIBLE; MODE; TOLERANCE; STATUS; HIDE; APPLY; BAR

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

12/5/4 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012431179 **Image available**

WPI Acc No: 1999-237287/199920

XRPX Acc No: N99-176559

Multi window display controller for displaying windows on display screen
- has window rearrangement unit that relocates front window to predetermined circumference section of back window so that back window may be exposed from edge section of front window

Patent Assignee: MITSUBISHI ELECTRIC CORP (MITQ)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11065808	A	19990309	JP 97227679	A	19970825	199920 B

Priority Applications (No Type Date): JP 97227679 A 19970825

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11065808	A	13	G06F-003/14	

Abstract (Basic): JP 11065808 A

NOVELTY - A window rearrangement unit (26) relocates a front window to the predetermined circumference section of a back window so that the back window may be exposed from the edge section of the front window. An invisible condition detecting unit (24) detects whether the back window is entirely covered by the front window.

USE - For displaying windows on a display screen. For user interface. For multi window system **computer** .

ADVANTAGE - Enables a user to differentiate a back window based on the spatial arrangement **information** on a **window** . Obtains a superior

user interface. **Reduces** the burden of a user since the window is automatically changed into a visible condition. Suppresses variation of the window arrangement image on a display to the minimum extent. Improves working efficiency since work content can be remembered. Improves operating efficiency. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the multi window system **computer** . (24) Invisible condition detecting unit; (26) Window rearrangement unit.

Dwg.1/13

Title Terms: MULTI; WINDOW; DISPLAY; CONTROL; DISPLAY; WINDOW; DISPLAY; SCREEN; WINDOW; REARRANGE; UNIT; RELOCATION; FRONT; WINDOW; PREDETERMINED ; CIRCUMFERENCE; SECTION; BACK; WINDOW; SO; BACK; WINDOW; EXPOSE; EDGE; SECTION; FRONT; WINDOW

Derwent Class: P85; T01

International Patent Class (Main): G06F-003/14

International Patent Class (Additional): G09G-005/14; G09G-005/38

File Segment: EPI; EngPI

12/5/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012001477 **Image available**

WPI Acc No: 1998-418387/199836

XRPX Acc No: N98-326117

Display window range controller used in OA apparatus, PC - has mask pattern generation process skipped when detected value of display data range is within window limit

Patent Assignee: SHARP KK (SHAF)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10171432	A	19980626	JP 96326369	A	19961206	199836 B

Priority Applications (No Type Date): JP 96326369 A 19961206

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10171432	A		11	G09G-005/14	

Abstract (Basic): JP 10171432 A

The controller has a window coordinate memory (1) in which the coordinates of the window area for limiting the display range is stored. The address of the updated display data is generated from an address generator.

Based on the window coordinates and the address, the mask pattern for displaying the **data** within the specified **window limit** is generated from a mask pattern generator (3). A mask data detector detects the output of the mask pattern generator. When the display data range is within the window range, the mask pattern generation process is skipped and the display data is directly stored the display data is directly stored in the memory.

ADVANTAGE - Improves speed of image data patterning process. Enables quick data display in window mode.

Dwg.1/6

Title Terms: DISPLAY; WINDOW; RANGE; CONTROL; OA; APPARATUS; MASK; PATTERN; GENERATE; PROCESS; SKIP; DETECT; VALUE; DISPLAY; DATA; RANGE; WINDOW; LIMIT

Derwent Class: P85; T01

International Patent Class (Main): G09G-005/14

File Segment: EPI; EngPI

12/5/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011839858 **Image available**

WPI Acc No: 1998-256768/199823

XRPX Acc No: N98-203064

Window system for computer system - varies size of window display contents proportional to window modification, by altering size of vector data when size of window is altered

Patent Assignee: TOSHIBA KK (TOKE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10083271	A	19980331	JP 96237700	A	19960909	199823 B

Priority Applications (No Type Date): JP 96237700 A 19960909

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10083271	A		10	G06F-003/14	

Abstract (Basic): JP 10083271 A

The system (1) uses vector data in managing the contents of a window display containing the title display portion and the menu display portion of a window.

When altering the size of the window, the size of the contents of the window display is varied proportionally with respect to the window modification by altering the size of the vector data.

ADVANTAGE - Maintains contents of currently-displayed window even if size of window is altered. Enables hiding window behind front face of window screen display through simple operation. Prevents overlapping of various displayed windows when front face of screen enlarges the display of various windows.

Dwg.1/10

Title Terms: WINDOW; SYSTEM; **COMPUTER** ; SYSTEM; VARY; SIZE; WINDOW;

DISPLAY; CONTENT; PROPORTION; WINDOW; MODIFIED; ALTER; SIZE; VECTOR; DATA ; SIZE; WINDOW; ALTER

Derwent Class: T01

International Patent Class (Main): G06F-003/14

File Segment: EPI

12/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011750987 **Image available**

WPI Acc No: 1998-167897/199815

XRPX Acc No: N98-133322

Locating method of window frames or program icons for window interface - using computer mouse to locate window frame or program icon for further processing via two- dimensional control buttons of mouse

Patent Assignee: PRIMAX ELECTRONICS LTD (PRIM-N)

Inventor: HER H; LIOU W; WU J; YANG M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 323355	A	19971221	TW 97101226	A	19970203	199815 B

Priority Applications (No Type Date): TW 97101226 A 19970203

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
TW 323355	A		41	G06F-003/00	

Abstract (Basic): TW 323355 A

A locating method is that a pointing device is used to select and locate a window frame as the located window frame from multiple window frames contained in a window interface. The window interface can only have one window frame selected as the located window frame, and the interface is displayed on a monitor screen. A window frame that is located in the window interface is displayed in a particular way on the monitor screen, while the rest of window frames on the screen are

displayed in a normal way. The point device includes a 2-dimensional control buttons for generating a 2-D index signal, and a cursor control mechanism for generating the cursor control signal to control the movement of cursor shown on the monitor screen. The point device is electrically connected to a **computer** that is electrically connected to the monitor. The **computer** contains a Windows software that includes a window frame control module for locating the window frame inside the window interface in accordance with the pointing signal, and a cursor control module for controlling the cursor movement of the cursor in accordance with the cursor control signal.

The method includes the following procedures a. Provide a position file of window frames that includes the represented position of every window frame inside window interface; b. Follow a designated direction to drive the window frame control button for generating a pointing signal; c. Use the control module of window frame to receive the pointing signal; d. Starting from the position of the located window frame, follow approximately the designated direction of the pointing signal and detect the position of another window frame contained in the position file of window frames; and e. Locate the detected window frame and show it on the monitor screen with the aforesaid particular method.

USE - For window frames used in **computer** window interface.

Dwg.12/12

Title Terms: LOCATE; METHOD; WINDOW; FRAME; PROGRAM; WINDOW; INTERFACE;

COMPUTER ; MOUSE; LOCATE; WINDOW; FRAME; PROGRAM; PROCESS;

TWO-DIMENSIONAL; CONTROL; BUTTON; MOUSE

Derwent Class: T01

International Patent Class (Main): G06F-003/00

File Segment: EPI

12/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011748153 **Image available**

WPI Acc No: 1998-165063/199815

XRPX Acc No: N98-131546

Information processor e.g. PC, workstation with overlap type multiwindow system - in which expanded bit map data of displaying window operation is written in address of frame memory after performing OR operation

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10031573	A	19980203	JP 96186129	A	19960716	199815 B

Priority Applications (No Type Date): JP 96186129 A 19960716

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10031573	A		6 G06F-003/14	

Abstract (Basic): JP 10031573 A

The information processor includes a CPU (14) which receives user information input from a keyboard (11) of a mouse (12). The address of window overlapping part of all the windows currently displayed in the display device is obtained from the windows display position.

From the obtained address, the bit map data of the display information, is expanded and the address are written-in/read-out from a main memory (15). After performing OR operation, the expanded bit map data is written in the address of a frame memory (16).

ADVANTAGE - Enables to refer contents of several overlapping windows, simultaneously. Improves operativity of user during selection indication of window.

Dwg.1/4

Title Terms: INFORMATION; PROCESSOR; OVERLAP; TYPE; SYSTEM; EXPAND; BIT;

MAP; DATA; DISPLAY; WINDOW; OPERATE; WRITING; ADDRESS; FRAME; MEMORY;

AFTER; PERFORMANCE; OPERATE
Derwent Class: P85; T01; T04
International Patent Class (Main): G06F-003/14
International Patent Class (Additional): G09G-005/14; G09G-005/36
File Segment: EPI; EngPI

12/5/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011674883 **Image available**
WPI Acc No: 1998-091792/199809
XRPX Acc No: N98-073025

Window display method for multi-window computer system - involves display of window according to stored data relating to size and position of minimum frame. during execution termination of first program and execution start of second program

Patent Assignee: KEYENCE CO LTD (KEYE-N)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9319548	A	19971212	JP 96139045	A	19960531	199809 B

Priority Applications (No Type Date): JP 96139045 A 19960531

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9319548	A	10	G06F-003/14	

Abstract (Basic): JP 9319548 A

The method involves storing the data containing the size and the position of the minimum frame, for each display state. The window is displayed according to the stored data, during the execution termination of first program and the execution start of the second program.

ADVANTAGE - Performs systematic implementation of program. Execution of program can be started immediately. Eliminates need for modification of size and position of window, every switching of program.

Dwg. 4/11

Title Terms: WINDOW; DISPLAY; METHOD; MULTI; WINDOW; **COMPUTER** ; SYSTEM; DISPLAY; WINDOW; ACCORD; STORAGE; DATA; RELATED; SIZE; POSITION; MINIMUM; FRAME; EXECUTE; TERMINATE; FIRST; PROGRAM; EXECUTE; START; SECOND; PROGRAM

Derwent Class: T01; T06
International Patent Class (Main): G06F-003/14
International Patent Class (Additional): G05B-023/02
File Segment: EPI

12/5/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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011498821 **Image available**
WPI Acc No: 1997-476734/199744
XRPX Acc No: N97-397518

Data processor e.g. personal computer, word processor, electronic notebook - has frame selector which selects window frame nearest first figure which is formed on display screen due to movement of movement input unit

Patent Assignee: SHARP KK (SHAF)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9222955	A	19970826	JP 9629647	A	19960216	199744 B

Priority Applications (No Type Date): JP 9629647 A 19960216

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9222955	A		13	G06F-003/033	

Abstract (Basic): JP 9222955 A

The processor has a display portion (11) that exhibits a window for displaying data within the limits of a display screen. A movement is input on the display screen using a movement input unit (7,13).

A first figure formed on the display screen due to the input movement is detected by a first detector (1). A frame selector selects the window frame nearest the first figure.

ADVANTAGE - Selects arbitrary edges of window frame using frame selector. Reduces obstruction in viewing display screen caused by main body of pen. Uses window selection switching unit which switches to other window frame besides selected window frame.

Dwg.1/12

Title Terms: DATA; PROCESSOR; PERSON; **COMPUTER** ; WORD; PROCESSOR; ELECTRONIC; FRAME; SELECT; SELECT; WINDOW; FRAME; NEARBY; FIRST; FIGURE; FORMING; DISPLAY; SCREEN; MOVEMENT; MOVEMENT; INPUT; UNIT

Derwent Class: T01

International Patent Class (Main): G06F-003/033

International Patent Class (Additional): G06F-003/14

File Segment: EPI

12/5/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011495469 **Image available**

WPI Acc No: 1997-473382/199744

XRPX Acc No: N97-394678

Graphical user interface method for automatically resizing window in response to changes in focus - automatically resizes all windows not having focus, and allows user to selectively re- size active windows without using icons

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)

Inventor: AMRO H Y

Number of Countries: 005 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 798627	A1	19971001	EP 97301510	A	19970306	199744 B
JP 10011259	A	19980116	JP 9768823	A	19970321	199813
US 5872567	A	19990216	US 96626751	A	19960329	199914
US 5990889	A	19991123	US 96626751	A	19960329	200002
			US 98169227	A	19981009	

Priority Applications (No Type Date): US 96626751 A 19960329; US 98169227 A 19981009

Cited Patents: Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 798627	A1	E	9	G06F-003/033	

Designated States (Regional): DE FR GB

US 5990889	A		G06F-015/00	Cont of application US 96626751
				Cont of patent US 5872567

JP 10011259	A		8	G06F-003/14
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US 5872567	A			G06F-015/00
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Abstract (Basic): EP 798627 A

The method for directing a computer system to automatically **resize** a first **information** window displayed on the **computer** display involves automatically calculating a zoomed out size for the first window in response to detecting a transfer from a first window to a second window.

The zoomed out size is used for automatically displaying on the **computer** display the first window and the information within it.

USE/ADVANTAGE - Automatically resizing open window in response to loss or gain in focus. Allows user to view multiple windows on screen by automatically zooming out all windows not having focus. User can selectively toggle window between zoomed out state and default state.

Dwg.3/3

Title Terms: GRAPHICAL; USER; INTERFACE; METHOD; AUTOMATIC; WINDOW; RESPOND; CHANGE; FOCUS; AUTOMATIC; WINDOW; FOCUS; ALLOW; USER; SELECT; SIZE; ACTIVE; WINDOW

Derwent Class: T01

International Patent Class (Main): G06F-003/033; G06F-003/14; G06F-015/00

File Segment: EPI

12/5/12 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011444031 **Image available**

WPI Acc No: 1997-421938/199739

XRPX Acc No: N97-351430

Multiwindow system for computer - includes display controller that terminates display of each non utilised window screen when each window screen is distinguished as not utilised within previously appointed time

Patent Assignee: CANON KK (CANO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9190329	A	19970722	JP 961295	A	19960109	199739 B

Priority Applications (No Type Date): JP 961295 A 19960109

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9190329	A		7		

Abstract (Basic): JP 9190329 A

The system includes a distinction unit that distinguishes whether each window screen is not utilised within a previously appointed time.

When an acknowledging evaluation is obtained, a display controller automatically terminates the display of each non-utilised window screen.

ADVANTAGE - Easily exchanges window screen and searches of desired window screen. Improves user operation by variably providing automatic termination time of window screen. Enables simple re-displaying of **window** screen by doing **icon** deformation of finalised **window** screen. **Reduces** number of window screens thus improving searching of desired window screen.

Dwg.1/8

Title Terms: SYSTEM; **COMPUTER** ; DISPLAY; CONTROL; TERMINATE; DISPLAY; NON; UTILISE; WINDOW; SCREEN; WINDOW; SCREEN; DISTINGUISH; UTILISE; TIME

Derwent Class: T01

International Patent Class (Main): G06F-003/14

File Segment: EPI

12/5/13 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010992903 **Image available**

WPI Acc No: 1996-489852/199649

XRPX Acc No: N96-412784

Alignment display control method of multi-window display system of computer - involves specifying attribute of selected window and displaying it in line

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8249148	A	19960927	JP 9553951	A	19950314	199649 B

Priority Applications (No Type Date): JP 9553951 A 19950314

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8249148	A	6	G06F-003/14	

Abstract (Basic): JP 8249148 A

The method involves mixing and displaying a number of window having different attributes on a display screen. When at least a single attribute is specified, the corresponding window is selected.

The selected window is aligned and displayed in line (47,61). The unspecified **windows** are **reduced** as **icons** (71, 72).

ADVANTAGE - Enables alignment of windows. Improves legibility of display. Increases uses operativity.

Dwg.7/7

Title Terms: ALIGN; DISPLAY; CONTROL; METHOD; MULTI; WINDOW; DISPLAY;

SYSTEM; **COMPUTER** ; SPECIFIED; ATTRIBUTE; SELECT; WINDOW; DISPLAY; LINE

Derwent Class: T01

International Patent Class (Main): G06F-003/14

File Segment: EPI

12/5/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010851601 **Image available**

WPI Acc No: 1996-348554/199635

XRPX Acc No: N96-293842

Electronic-conferencing terminal equipment using multi-window system - has moving-image display program counter which enlarges sound volume of audio data emitted by expansion window according to its expansion ratio

Patent Assignee: NEC CORP (NIDE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8163527	A	19960621	JP 94306116	A	19941209	199635 B

Priority Applications (No Type Date): JP 94306116 A 19941209

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8163527	A	6	H04N-007/15	

Abstract (Basic): JP 8163527 A

The equipment has a moving-image display program (5) displayed on a **computer** system (1) on a window transmitted from another **terminal** equipment and a communication circuit (16). A multi-window operating system (2) calculates the expansion ratio according to the indication input by a mouse (3).

The expansion ratio is executed by a display driver (11) that expands the window and a sound device driver (6) which enlarges the sound volume of the audio data to a speaker (9).

ADVANTAGE - Enables variation of sound volume emitted by window according to its size.

Dwg.1/4

Title Terms: ELECTRONIC; **TERMINAL** ; EQUIPMENT; MULTI; WINDOW; SYSTEM; MOVE ; IMAGE; DISPLAY; PROGRAM; COUNTER; ENLARGE; SOUND; VOLUME; AUDIO; DATA; EMIT; EXPAND; WINDOW; ACCORD; EXPAND; RATIO

Derwent Class: T01; W02; W04

International Patent Class (Main): H04N-007/15

International Patent Class (Additional): G06F-003/14; G06F-003/16

File Segment: EPI

12/5/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010623707 **Image available**
WPI Acc No: 1996-120660/199613
XRPX Acc No: N96-101103

Multi-window management device - has window management unit which erases window having fewest use times and reduces it to icon when number of windows on screen exceeds threshold value

Patent Assignee: PFU KK (USAE)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8016351	A	19960119	JP 94149973	A	19940630	199613 B

Priority Applications (No Type Date): JP 94149973 A 19940630

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8016351	A		10 G06F-003/14	

Abstract (Basic): JP 8016351 A

The multi-window management device displays the different windows on a screen (1) of a **computer** system (3). Each time, a particular window is referred to, and the number of use times of the window is incremented. When number of windows on the screen exceeds a threshold value, a multi-window management unit (5) erases a window which has the fewest number of use times and reduces it to an icon (2).

ADVANTAGE - Executes target window quickly. Improves production efficiency.

Dwg.1/5

Title Terms: MULTI; WINDOW; MANAGEMENT; DEVICE; WINDOW; MANAGEMENT; UNIT; ERASE; WINDOW; TIME; REDUCE; NUMBER; WINDOW; SCREEN; THRESHOLD; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-003/14
File Segment: EPI

12/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010620273 **Image available**
WPI Acc No: 1996-117226/199612
XRPX Acc No: N96-097965

Method for multiplexing video information - involves holding pixels in groups with associated data on what they obscure or are obscured by and building video memory image from unobscured pixels

Patent Assignee: INGERSOLL RAND CO (INGE)
Inventor: BRADLEY E K

Number of Countries: 019 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9603738	A1	19960208	WO 95US9996	A	19950725	199612 B
US 5561755	A	19961001	US 94280697	A	19940726	199645
EP 772865	A1	19970514	EP 95928772	A	19950725	199724
			WO 95US9996	A	19950725	
JP 10503855	W	19980407	WO 95US9996	A	19950725	199824
			JP 96506005	A	19950725	
JP 3023702	B2	20000321	WO 95US9996	A	19950725	200019
			JP 96506005	A	19950725	

Priority Applications (No Type Date): US 94280697 A 19940726

Cited Patents: US 5321807; WO 9411808

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9603738	A1	E	27	G09G-005/14	
Designated States (National): CA JP					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
JP 3023702	B2		14	G09G-005/14	Previous Publ. patent JP 10503855 Based on patent WO 9603738
US 5561755	A		14	G06F-003/14	
EP 772865	A1	E		G09G-005/14	Based on patent WO 9603738
Designated States (Regional): DE FR GB IT					
JP 10503855	W		23	G09G-005/14	Based on patent WO 9603738

Abstract (Basic): WO 9603738 A

The intelligent **terminal** connected to a host system has a method of displaying windows involving tables of obscured and unobscured pixels. The host (12) sends data to the remote CPU (10) that relates to different windows. The **computer** stores the data in RAM (14) and processes it to generate the video memory (20) for use by the display (24).

The data is held in groups of pixels, the group size defining window placement **limits**. Each group has **data** on what **windows** it obscures or is obscured by. The processor determines from this the data to be placed in the video memory.

USE/ADVANTAGE - Remote intelligent **terminals**. Economic means of handling windows on simple **terminals** and allowing rapid presentation of underlying windows.

Dwg.1/6

Title Terms: METHOD; MULTIPLEX; VIDEO; INFORMATION; HOLD; PIXEL; GROUP; ASSOCIATE; DATA; OBSCURE; OBSCURE; BUILD; VIDEO; MEMORY; IMAGE; UNOBSCURED; PIXEL
Derwent Class: P85; T01
International Patent Class (Main): G06F-003/14; G09G-005/14
File Segment: EPI; EngPI

12/5/17 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

010565828 **Image available**

WPI Acc No: 1996-062781/199607

XRPX Acc No: N96-052577

Cooperation control method between window device and camera - inputting window operating instruction to computer, then sending position and size data to display unit with information conversion part relocating window using camera instruction. NoAbstract.

Patent Assignee: FUJITSU LTD (FUJIT)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7320031	A	19951208	JP 94113144	A	19940526	199607 B

Priority Applications (No Type Date): JP 94113144 A 19940526

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7320031	A		23	G06T-001/00	

Title Terms: COOPERATE; CONTROL; METHOD; WINDOW; DEVICE; CAMERA; INPUT; WINDOW; OPERATE; INSTRUCTION; **COMPUTER**; SEND; POSITION; SIZE; DATA; DISPLAY; UNIT; INFORMATION; CONVERT; PART; RELOCATION; WINDOW; CAMERA; INSTRUCTION; NOABSTRACT

Index Terms/Additional Words: WORKSTATION; MULTI-WINDOW; SYSTEM

Derwent Class: T01; W04

International Patent Class (Main): G06T-001/00

International Patent Class (Additional): G06F-003/14; H04N-005/232

File Segment: EPI

12/5/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010523766 **Image available**

WPI Acc No: 1996-020719/199602

XRPX Acc No: N96-017198

Menu management method for graphical, event driven computer system - involves representing menus as windows with menu layer holding menus and detecting events occurring with respect to menu layer to vary menu display

Patent Assignee: APPLE COMPUTER INC (APPY)

Inventor: CLIFFORD D K; CRAYCROFT T J

Number of Countries: 064 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9532469	A2	19951130	WO 95US6021	A	19950515	199602 B
AU 9525144	A	19951218	AU 9525144	A	19950515	199611
WO 9532469	A3	19951214	WO 95US6021	A	19950515	199622
US 5627960	A	19970506	US 94242674	A	19940513	199724
			US 96610518	A	19960304	

Priority Applications (No Type Date): US 94242674 A 19940513; US 96610518 A 19960304

Cited Patents: No-SR.Pub; US 4931783

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9532469 A2 E 23 G06F-009/44

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9525144 A G06F-009/44 Based on patent WO 9532469

US 5627960 A 12 G06F-003/14 Cont of application US 94242674

WO 9532469 A3 G06F-009/44

Abstract (Basic): WO 9532469 A

The method includes transforming all menus into windows and grouping them into a single menu layer for each application. Each application has its own menu layer that is shown and hidden as the application moves to the foreground and background, tear-off menus being hidden and shown with the menu layer generating a desirable 'floating-window' behaviour.

Menus are managed in a graphical event-driven **computer** system having a **computer** display, by representing the menu layer as windows, providing a menu layer for containing menus of a **computer** programme. Events occurring with respect to the menu layer are detected, in response to which the display of the menu is varied.

ADVANTAGE - Provides mechanism that explicitly supports tear-off menus in efficient way. Requires minimum of application involvement.

Dwg.2/7

Title Terms: MENU; MANAGEMENT; METHOD; GRAPHICAL; EVENT; DRIVE; **COMPUTER** ; SYSTEM; REPRESENT; MENU; WINDOW; MENU; LAYER; HOLD; MENU; DETECT; EVENT; OCCUR; RESPECT; MENU; LAYER; VARY; MENU; DISPLAY

Derwent Class: T01

International Patent Class (Main): G06F-003/14; G06F-009/44

File Segment: EPI

12/5/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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010514162 **Image available**

WPI Acc No: 1996-011113/199601

XRPX Acc No: N96-009528

Method for custom interactive user-interface element in frame of window of application program - using window manager to draw on computer display frame of window which includes icon for visually representing custom interactive user-interface element

Patent Assignee: APPLE COMPUTER INC (APPY)

Inventor: CRAYCROFT T J; ULRICH R R

Number of Countries: 064 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9531771	A1	19951123	WO 95US6114	A	19950515	199601 B
AU 9525161	A	19951205	AU 9525161	A	19950515	199620
US 5692142	A	19971125	US 94242450	A	19940513	199802
			US 96593171	A	19960201	
US 5838315	A	19981117	US 96593171	A	19960201	199902 N
			US 97977059	A	19971124	

Priority Applications (No Type Date): US 94242450 A 19940513; US 96593171 A 19960201; US 97977059 A 19971124

Cited Patents: 1.Jnl.Ref

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9531771	A1	E 12	G06F-009/44	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ UG

AU 9525161	A		G06F-009/44	Based on patent WO 9531771
US 5692142	A	5	G06F-003/14	Cont of application US 94242450
US 5838315	A		G06F-003/14	Cont of application US 96593171
				Cont of patent US 5692142

Abstract (Basic): WO 9531771 A

The method involves storing information referring to an icon, stored as part of an application program and used to visually represent a custom interactive user-interface element. The icon information is stored in a location accessible to a window manager. The window manager draws on the **computer** display a frame of the window including drawing, at a **size** and location determined by the **window** manager, the **icon** used to visually represent the custom interactive user-interface element.

A custom interactive user-interface element is provided in a title bar of a window of an application program in a graphic, event-driven **computer** system with a **computer** display. The custom interactive user-interface element is provided by storing information referring to an icon stored as part of the application program and used to visually represent the custom interactive user-interface element, in a location accessible to a window manager.

USE/ADVANTAGE - For graphic, event driven **computer** system. Allows explicit support of custom gadgets in efficient way, requiring minimum application involvement, i.e. method is application-transparent.

Dwg.3/4

Title Terms: METHOD; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT; FRAME; WINDOW; APPLY; PROGRAM; WINDOW; MANAGE; DRAW; **COMPUTER** ; DISPLAY; FRAME; WINDOW; VISUAL; REPRESENT; CUSTOM; INTERACT; USER; INTERFACE; ELEMENT

Derwent Class: T01

International Patent Class (Main): G06F-003/14; G06F-009/44

File Segment: EPI

12/5/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010188278 **Image available**

WPI Acc No: 1995-089532/199512

XRPX Acc No: N95-070802

Method for displaying window border frame in computer display system - involves generating and inputting realistic pictorial frame elements, sizing elements according to desired size of window, and generating location information for each element based on desired window size

Patent Assignee: VIACOM INT INC (VIAC-N)

Inventor: FELDMAN D S; MANNING M J; SQUIRES T M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5388202	A	19950207	US 90474357	A	19900202	199512 B
			US 93103834	A	19930809	

Priority Applications (No Type Date): US 90474357 A 19900202; US 93103834 A 19930809

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5388202	A	14	G06F-015/62	Cont of application US 90474357

Abstract (Basic): US 5388202 A

The method involves creating, using a **computer** program for developing customised drawings under a control of a user, the pictorial frame elements having an arbitrary pictorial design. The pictorial frame elements are stored in a **computer** memory, and the size and location of a window border frame of an existing window in the windowing environment is determined.

The method further involves retrieving the stored pictorial frame elements from the **computer** memory, modifying the pictorial frame elements such that the elements are sized to fit within the window border frame, and displaying the window with the pictorial frame elements assembled in the window border frame. The created pictorial frame elements represent 3-D objects.

USE/ADVANTAGE - For displaying window border frame, comprising custom designed pictorial frame elements, for window on display screen in windowing environment. Generates realistic, simulated 3-D window borders with appearance of real framing material such as wood or stone.

Dwg.3a/6

Title Terms: METHOD; DISPLAY; WINDOW; BORDER; FRAME; **COMPUTER** ; DISPLAY; SYSTEM; GENERATE; INPUT; REALISTIC; PICTURE; FRAME; ELEMENT; SIZE; ELEMENT; ACCORD; SIZE; WINDOW; GENERATE; LOCATE; INFORMATION; ELEMENT; BASED; WINDOW; SIZE

Derwent Class: T01

International Patent Class (Main): G06F-015/62

File Segment: EPI

12/5/21 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009425785 **Image available**

WPI Acc No: 1993-119301/199315

XRPX Acc No: N93-091020

Incrementally changing window size on display - using cursor to continual select appropriate sizing icon from window title bar until reaching desired size

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: KERR L L; TORRES R J

Number of Countries: 005 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 537097	A1	19930414	EP 92480088	A	19920622	199315 B
US 5227771	A	19930713	US 91727731	A	19910710	199329
EP 537097	B1	19980826	EP 92480088	A	19920622	199838
DE 69226744	E	19981001	DE 626744	A	19920622	199845
			EP 92480088	A	19920622	

Priority Applications (No Type Date): US 91727731 A 19910710

Cited Patents: 1.Jnl.Ref; EP 327781

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
EP 537097 A1 E 19 G06F-003/033
Designated States (Regional): DE FR GB IT
US 5227771 A 19 G09G-001/06
EP 537097 B1 E G06F-003/033
Designated States (Regional): DE FR GB IT
DE 69226744 E G06F-003/033 Based on patent EP 537097

Abstract (Basic): EP 537097 A

The method to re-size the window includes the user selecting the appropriate icon with the cursor. The window will change its border size according to a predetermined incremental value. The data displayed inside of the newly sized window is determined and then displayed. By continuously selecting one of the **sizing icons**, the **window** will be continuously **sized** in an incremental manner until the user terminates the selection or until the maximum or minimum window limits are reached. During re-sizing one border corner is fixed in position on the interface while the opposite border corner is moved.

USE/ADVANTAGE - For **computer** window display systems. Improved user friendliness. Allows more user control.

Dwg.10/12

Title Terms: INCREMENT; CHANGE; WINDOW; SIZE; DISPLAY; CURSOR; CONTINUE;
SELECT; APPROPRIATE; SIZE; WINDOW; TITLE; BAR; REACH; SIZE
Derwent Class: P85; T01
International Patent Class (Main): G06F-003/033; G09G-001/06
File Segment: EPI; EngPI

12/5/22 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009383243 **Image available**

WPI Acc No: 1993-076721/199309

XRPX Acc No: N93-058928

Data entry and error embedding system for computer system - uses digital image scanning and digital graphics to achieve juxtaposition w.r.t. data entry and proof-reading

Patent Assignee: GAMMA RES INC (GAMM-N); WOO D N (WOOD-I); WOO J (WOOJ-I)

Inventor: WOO D N; WOO J

Number of Countries: 018 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9303431	A2	19930218	WO 92US6638	A	19920807	199309 B
US 5282267	A	19940125	US 91743207	A	19910809	199405
US 35738	E	19980224	US 91743207	A	19910809	199815
			US 95378174	A	19950125	

Priority Applications (No Type Date): US 91743207 A 19910809; US 95378174 A 19950125

Cited Patents: No-SR.Pub

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 9303431 A2 E 39 G06F-000/00
Designated States (National): CA JP
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE
US 5282267 A 18 G06F-003/14
US 35738 E 18 G06F-003/14 Reissue of patent US 5282267

Abstract (Basic): WO 9303431 A

The system bit-maps a document and records it in a first memory (54). The document is displayed, and portions of it to be replicated by data entry are underlayed by a window. Replicated data is entered into the window in location and size juxtaposed just below that which is replicated.

With this format in place, selected portions of the replicated data are altered by insertion of character or word substitutions, thus embedding the errors. A proofreader would endeavour to correct the error embedded data. A record of the changes are recorded whereby the skill level and accuracy of data are computed.

ADVANTAGE - Provides operator feedback and monitors operator data entry and proofreading performance.

Dwg.1/10

Title Terms: DATA; ENTER; ERROR; EMBED; SYSTEM; **COMPUTER** ; SYSTEM; DIGITAL ; IMAGE; SCAN; DIGITAL; GRAPHIC; ACHIEVE; JUXTAPOSE; DATA; ENTER; PROOF; READ

Derwent Class: T01

International Patent Class (Main): G06F-000/00; G06F-003/14

International Patent Class (Additional): G06F-015/62; G06K-009/46

File Segment: EPI

12/5/23 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008998205 **Image available**

WPI Acc No: 1992-125478/199216

XRPX Acc No: N92-093823

Visually indicating suitable targets in computer window operation - source object normally has shadow around it but shadow disappears when valid source and target objects are aligned

Patent Assignee: IBM CORP (IBMC)

Inventor: FLEMING S S; GRIFFIN D L; TORRES R J

Number of Countries: 005 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 480859	A	19920415	EP 91480138	A	19910906	199216 B
EP 480859	A3	19921209	EP 91480138	A	19910906	199344

Priority Applications (No Type Date): US 90595334 A 19901010

Cited Patents: No-SR.Pub; 3.Jnl.Ref

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 480859	A	E	7		

Designated States (Regional): DE ES FR GB IT

Abstract (Basic): EP 480859 A

A **computer** system has a visual interface in the form of a window system having a client area (23), with a variety of icons (25...), a pointer (32), title bar (15), system **menu** (35) and **window sizing icons** (37). In a static situation, each icon has a shadow (27...) around it which 'separates' it from the background.

The pointer can be placed over an icon (25) and by an action such as holding down a mouse button, the icon, and its shadow, can be dragged across the window. Whenever such an icon is positioned over another icon which is a valid target for the first icon, the shadow disappears and makes the two icons appear 'associated'.

USE/ADVANTAGE - Provides a visual indication of the suitability of targets for a source icon.

Dwg.2/6

Title Terms: VISUAL; INDICATE; SUIT; TARGET; **COMPUTER** ; WINDOW; OPERATE; SOURCE; OBJECT; NORMAL; SHADOW; SHADOW; DISAPPEAR; VALID; SOURCE; TARGET; OBJECT; ALIGN

Derwent Class: T01

International Patent Class (Additional): G06F-003/03

File Segment: EPI

File 278:Microcomputer Software Guide 2001/Aug

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File 256:SoftBase:Reviews,Companies&Prods. 85-2001/Jul

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Set	Items	Description
S1	3671	(DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR ICON OR ICONS) (3N) (BOX? OR WINDOW?) OR WIDGET?
S2	40550	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR - LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI- ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA- GNITUD? OR PROPORTION?
S3	14380	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO- NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	46524	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()- PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C- ONSOLE? OR TERMINAL?
S5	523	(COMPUTER? OR PC) (3N) (LAPTOP OR PALM()TOP OR PALMTOP OR HA- ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK- ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA- L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	47851	S2 OR S3
S7	46524	S4 OR S5
S8	157	S6(5N)S1
S9	12	S7(5N)S8
S10	12	S9/TI,DE,AB
S11	11	RD (unique items)

11/3,K/1 (Item 1 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide
(c) 2001 Reed Elsevier Inc. All rts. reserv.

0020245
0020245XX STATUS: ACTIVE ENTRY
TITLE: CA-TPX
RELEASE DATE: 1984
PUBLISHER: Computer Associates International, Incorporated; Comp Assocs
NY (0-918317; 0-922091; 0-922344; 0-923108; 0-926530; 0-928104)

11/3,K/2 (Item 2 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide
(c) 2001 Reed Elsevier Inc. All rts. reserv.

0019696
0019696XX STATUS: ACTIVE ENTRY
TITLE: CA-Teleview
RELEASE DATE: 1984
PUBLISHER: Computer Associates International, Incorporated; Comp Assocs
NY (0-918317; 0-922091; 0-922344; 0-923108; 0-926530; 0-928104)

11/3,K/3 (Item 3 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide
(c) 2001 Reed Elsevier Inc. All rts. reserv.

0013938
0013938XX STATUS: ACTIVE ENTRY
TITLE: OmniPage Pro
VERSION: 8.0
PUBLISHER: Caere Corporation; Caere Corp (1-893324)

11/3,K/4 (Item 4 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide
(c) 2001 Reed Elsevier Inc. All rts. reserv.

0009180
0009180XX STATUS: ACTIVE ENTRY
TITLE: FinanceMaster Personal Finance & Budgeting
PUBLISHER: Dynacomp, Incorporated; Dynacomp (1-55697)

11/3,K/5 (Item 5 from file: 278)
DIALOG(R)File 278:Microcomputer Software Guide
(c) 2001 Reed Elsevier Inc. All rts. reserv.

0005275
0005275XX STATUS: ACTIVE ENTRY
TITLE: Synergy DBL
VERSION: 5
RELEASE DATE: 1993
PUBLISHER: Synergex; Synergex

11/3,K/6 (Item 1 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00121242 DOCUMENT TYPE: Review

PRODUCT NAMES: FileMaker Pro 5.0 PowerMac (719552)

TITLE: FileMaker Pro 5.0
AUTHOR: Simmons, Mark

SOURCE: MacAddict, v5 n1 p71(1) Jan 2000
ISSN: 1088-548X
HOMEPAGE: <http://www.imaginemedias.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 20001130

...revamped to be easier to use for newbies, with a Microsoft Office-like toolbar and **menu** reorganization. **Resizable dialog boxes**, enhanced contextual **menus**, and support for Apple **Computer**'s new Navigation Services open-and-save dialogs make for a well-implemented Macintosh application...

11/3,K/7 (Item 2 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00105684 DOCUMENT TYPE: Review

PRODUCT NAMES: PKZIP (618012); Microsoft NetShow (645168); Microsoft Windows 95 (551473); Microsoft Windows 95 (740896); RealServer (683817); HTML (835277)

TITLE: **Grow Your Own Web Gallery**
AUTHOR: Ozer, Jan
SOURCE: Computer Shopper, v17 n11 p646(6) Nov 1997
ISSN: 0886-0556
HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010331

DESCRIPTORS: File **Compression**; **Data** Communications; **Windows**; HTML; Multimedia; IBM **PC** & Compatibles; Electronic Publishing; Graphics Tools; Internet Utilities

11/3,K/8 (Item 3 from file: 256)
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00102937 DOCUMENT TYPE: Review

PRODUCT NAMES: **Independent Contractor Windows & Windows 95** (675008)

TITLE: **Lawgical Solution**
AUTHOR: Ward, Denise
SOURCE: Law Office Computing, v7 n3 p31(1) Jun/Jul 1997
ISSN: 1055-128X

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 20000830

DESCRIPTORS: **Contractors**; Law Firms; **Information** Retrieval; **Windows**; IBM **PC** & Compatibles; Legal; Document Generators; Content Providers

11/3,K/9 (Item 4 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00081170 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Object Linking & Embedding (OLE) (387321)

TITLE: Microsoft set to air distributed object strategy
AUTHOR: Cox, John
SOURCE: Network World, v12 n18 p1(2) May 1, 1995
ISSN: 0887-7661
HOMEPAGE: <http://www.nwfusion.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20001130

...to support development of network applications. Currently, OLE is restricted to working with applications and **data** within the same **Windows PC**. The **extensions** will allow OLE to work across a network, with Microsoft first providing connectivity between Microsoft...

11/3,K/10 (Item 5 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00076432 DOCUMENT TYPE: Review

PRODUCT NAMES: GNN Server (555002); Web Publisher (555011); InContext Spider (555029); Blackbird (555037)

TITLE: Presto! PCs Turn Into Web Servers
AUTHOR: Steinert-Threlkeld, Tom
SOURCE: Inter@ctive Week, v2 n7 p30(1) Apr 10, 1995
ISSN: 1078-7259
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

Personal **computers** can become World **Wide** Web servers with **Windows** tools that upload **text**, audio, and graphic files. Beame & Whiteside software makes Pentiums into Web servers; it also provides...

11/3,K/11 (Item 6 from file: 256)
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00069299 DOCUMENT TYPE: Review

PRODUCT NAMES: WinZip 5.5 Windows (338583); BOXER Text Editor for DOS (362212); Above & Beyond (384674); NeoBook Professional for DOS (528994)

TITLE: Shareware Shop
AUTHOR: Gralla, Preston
SOURCE: Computer Shopper, v14 n10 p646(2) Oct 1994
ISSN: 0886-0556
HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review
REVIEW TYPE: Review
GRADE: A

REVISION DATE: 19971230

DESCRIPTORS: File **Compression** ; IBM **PC** & Compatibles; **Windows** ; MS-DOS
; **Text** Editors; Archival Systems; System Utilities; Documentation
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S2	13156354	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR - LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSION? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MAGNITUD? OR PROPORTION?
S3	6695910	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CONDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	3344572	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()-PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR CONSOLE? OR TERMINAL?
S5	113228	(COMPUTER? OR PC) (3N) (LAPTOP OR PALM()TOP OR PALMTOP OR HAND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCKET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONAL()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	15093621	S2 OR S3
S7	3344572	S4 OR S5
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S10	34	S9/TI,DE,AB
S11	33	RD (unique items)

11/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01347484 99-96880

Lower cost of ownership?

Goodhue, Christopher
Informationweek n606 PP: 210 Nov 18, 1996
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 576

ABSTRACT: Enterprises have embraced the PC as the primary window into corporate information systems and as an increasingly critical element in corporate communications. The costs of managing a PC through its life cycle...

11/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01101614 97-51008

Quarterdeck marches ahead in Windows utilities race

Mardesich, Jodi
Computer Reseller News n651 PP: 80 Oct 2, 1995
ISSN: 0893-8377 JRNL CODE: CRN
WORD COUNT: 501

ABSTRACT: In September 1995, Quarterdeck Office Systems Inc. introduced MagnaRAM, which speeds up computers running Windows by compressing data to keep it in RAM. The company also introduced WinProbe, a diagnostic program that monitors...

11/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00710721 93-59942

Starting over

Kindel, Sharen
Financial World v162n12 PP: 52-54 Jun 8, 1993
ISSN: 0015-2064 JRNL CODE: TWO
WORD COUNT: 1121

...ABSTRACT: its new system to handle trading peaks of 800 million shares per day. The new workstation condenses five screens of data into windows that can be displayed simultaneously.

11/3,K/4 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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02677145

**Palm- Sized Information Terminal Adopts WindowsCE
(Casio Computer unveils Cassiopeia E-503 and E-65 portable information terminals, both of which use the Windows CE operating system)**

Office Equipment & Products, p 38
January 2000
DOCUMENT TYPE: Journal ISSN: 0387-5245 (Japan)
LANGUAGE: English RECORD TYPE: Abstract

Palm- Sized Information Terminal Adopts WindowsCE

11/3,K/5 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2001 Resp. DB Svcs. All rts. reserv.

02155822

Hitachi's New 133MHz MPUs with Digital Signal Processing
(Hitachi will introduce 2 high-end 133MHz RISC microprocessors in its SH3 line)

Japan Industrial Journal, p 4

May 12, 1998

DOCUMENT TYPE: Business Newspaper (Japan)

LANGUAGE: Japanese RECORD TYPE: Abstract

ABSTRACT:

...conscious with 1.8 volt internal power sources. Hitachi will market the MPUs to a wide variety of users including mobile data terminals, set top boxes and car navigation systems. Samples are priced at 2,000 yen and 2,200 yen...

11/3,K/6 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01996940 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Comdex - \$69 Tape Back-up On VCRs

(Danmere Limited offers Backer 32 PC Tape Backup System, which uses computer expansion card; backs up Windows-based computer data onto standard VCR)

Newsbytes News Network, p N/A

November 20, 1997

DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 265

(Danmere Limited offers Backer 32 PC Tape Backup System, which uses computer expansion card; backs up Windows-based computer data onto standard VCR)

11/3,K/7 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0385694 BW837

INTEGRATED COMPUTER: Integrated Computer Solutions (ICS) expands its Widget collection for Motif graphical user interfaces

February 14, 1994

Byline: Business Editors

Integrated Computer Solutions (ICS) expands its Widget collection for Motif graphical user interfaces

11/3,K/8 (Item 1 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext
(c) 2001 ProQuest. All rts. reserv.

03914417

Rex Gets Smarter

Anonymous

Business Week (Industrial/Technology Edition) (BWE), n3596, p18H, p.01

Sep 21, 1998

ISSN: 0739-8395

JOURNAL CODE: BWE

DOCUMENT TYPE: News

LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT: Franklin Electronic Publishers' new Rex Pro, a credit-card size organizer, allows users to download data from a Windows PC and also enter data by tapping a tiny on-screen keyboard.

11/3,K/9 (Item 2 from file: 484)

DIALOG(R)File 484:Periodical Abs Plustext

(c) 2001 ProQuest. All rts. reserv.

00338032

A Macintosh Retrospective

Crabb, Don

Byte (BYT), v14 n3, p143-146, p.3

Mar 1989

ISSN: 0360-5280 JOURNAL CODE: BYT

DOCUMENT TYPE: Commentary

LANGUAGE: English

RECORD TYPE: Abstract

LENGTH: Long (31+ col inches)

...ABSTRACT: after its introduction, it seems that the Macintosh has revolutionized the way people use personal computers . Menus , windows , mice and icons are now in wide use and Mac is the standard after the IBM PC.

11/3,K/10 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2001 CMP. All rts. reserv.

01196557 CMP ACCESSION NUMBER: IWK19990719S0045

Empire Taps Unisys (In Short)

INFORMATIONWEEK, 1999, n 744, PG79

PUBLICATION DATE: 990719

JOURNAL CODE: IWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Hardware

WORD COUNT: 88

TEXT:

... will replace 100 dumb terminals-used to set up appointments for clients and access customer data -with Unisys WinPath Windows terminals . Empire wants to reduce the cost of managing and distributing its business application software by running the software in...

11/3,K/11 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2001 CMP. All rts. reserv.

01142334 CMP ACCESSION NUMBER: CRN19971027S0041

Windows 95 Upgrading Still Has An Impact

John Roberts

COMPUTER RESELLER NEWS, 1997, n 760, PG41

PUBLICATION DATE: 971027

JOURNAL CODE: CRN LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: PC Sales Forecaster - October 27, 1997:Fourth Quarter

WORD COUNT: 500

TEXT:

CRN corporate survey data shows that Windows 95 upgrading is having a bigger impact on PC product spending by large and midsize companies this year compared with last year.

11/3,K/12 (Item 3 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2001 CMP. All rts. reserv.

00644415 CMP ACCESSION NUMBER: CSN19890529S1282

NEC Slashes Its PC Prices
COMPUTER SYSTEMS NEWS, 1989, n 419, 38
PUBLICATION DATE: 890529
JOURNAL CODE: CSN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: PRODUCTS
WORD COUNT: 150

TEXT:

BOXBOROUGH , MASS. - NEC Information Systems Inc. recently **reduced** prices on the PowerMate personal **computer** line by up to 20 percent.

11/3,K/13 (Item 1 from file: 20)
DIALOG(R)File 20:World Reporter
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07386708 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Deloitte & Touche: Boundless Corporation is Long Island's Leading Technology Company
PR NEWSWIRE
September 23, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 663

... 23 /PRNewswire/ -- Boundless Corporation (Amex: BND) and its wholly-owned subsidiary, Boundless Technologies, Inc., the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Internet appliances, have been recognized by Deloitte & Touche LLP as...

11/3,K/14 (Item 2 from file: 20)
DIALOG(R)File 20:World Reporter
(c) 2001 The Dialog Corporation. All rts. reserv.

07383139 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Corporation Launches Subsidiary to Provide Electronic Manufacturing Services
PR NEWSWIRE
September 23, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 852

... pursue opportunities within the \$90 billion+ electronic manufacturing services (EMS) marketplace. Boundless Corporation is the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Internet appliances.

11/3,K/15 (Item 3 from file: 20)
DIALOG(R)File 20:World Reporter
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07083853 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies Announces Agreement to Engineer and Manufacture Text Terminals for Hewlett-Packard
PR NEWSWIRE
September 07, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 654

... Boundless Technologies, Inc. is a wholly-owned subsidiary of Boundless Corporation (Amex: BND) and the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Internet appliances.

The new terminals, which will be manufactured in...

11/3,K/16 (Item 4 from file: 20)
DIALOG(R)File 20:World Reporter
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06623345 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ADDS 60 The New Video Display Text Terminal from Boundless Technologies
PR NEWSWIRE
August 10, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 860

... by Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Amex: BND) and the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Information appliances.

11/3,K/17 (Item 5 from file: 20)
DIALOG(R)File 20:World Reporter
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06156804 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies' Channel Program a Hit with VARs - Close to 300 Join and Europe Now Included -
PR NEWSWIRE
July 12, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1081

... Boundless Technologies, Inc. is a wholly-owned subsidiary of Boundless Corporation (Amex: BND) and the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Information appliances.

11/3,K/18 (Item 6 from file: 20)
DIALOG(R)File 20:World Reporter
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05480831 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BOUNDLESS TECHNOLOGIES: Boundless Technologies names Donald A. Norman to its new Technical Advisory Board
M2 PRESSWIRE
May 26, 1999
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 605

... Products Group. Boundless Technologies, Inc. is a wholly-owned subsidiary of Boundless Corporation and the **largest** US manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Internet appliances.

The Boundless Technical Advisory Board will consist of...

11/3,K/19 (Item 7 from file: 20)
DIALOG(R)File 20:World Reporter
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05378357 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies Names Donald A. Norman To Its New Technical Advisory Board

PR NEWSWIRE

May 19, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 986

... Boundless Technologies, Inc. is a wholly owned subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Information appliances.

11/3,K/20 (Item 8 from file: 20)

DIALOG(R)File 20:World Reporter

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05282016 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies Joins New International Consortium Formed to Advance Application Service Provider (ASP) Market

PR NEWSWIRE

May 12, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 886

... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** , other thin-client solutions and Internet appliances, has joined with other leading technology companies to...

11/3,K/21 (Item 9 from file: 20)

DIALOG(R)File 20:World Reporter

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04275559 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies Sees Growth for Thin-Client Market in 1999 and Beyond; Viewpoint(R) TC, Capio(TM), Other Product Introductions Will Capture Sales

PR NEWSWIRE

February 09, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1204

... PRNewswire/ -- Boundless Technologies, Inc., a wholly owned subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** and other thin-client solutions, is implementing aggressive sales and marketing strategies during 1999 for...

11/3,K/22 (Item 10 from file: 20)

DIALOG(R)File 20:World Reporter

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04143783 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies and River Run Software Group Agree to Cease Acquisition Plan

BUSINESS WIRE

January 27, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 486

... Boundless Technologies, Inc. ("Boundless"), a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDLS), and the **largest** U.S. manufacturer of **text** and **Windows** (R)-based **Terminals** and other

thin-client solutions, and River Run Software Group, Inc. ("River Run") announced today...

11/3,K/23 (Item 11 from file: 20)
DIALOG(R)File 20:World Reporter
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04131963 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies and Learningstation.com Strike Alliance to Launch Thin-Client Computing to Classrooms Nationwide
PR NEWSWIRE
January 26, 1999
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1328

... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDL5) and the **largest** U.S. manufacturer of **text** and **Windows** -based **Terminals** and other thin-client solutions, and Learningstation.com ("LSC") (www.learningstation.com), the country's...

11/3,K/24 (Item 12 from file: 20)
DIALOG(R)File 20:World Reporter
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03599172 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies Ranks in Top 100 of Deloitte & Touche Fourth Annual Technology 'Fast 500'
PR NEWSWIRE
November 30, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 685

Largest U.S. Manufacturer of **Text** and **Windows** -Based **Terminals**
HAUPPAUGE, N.Y., Nov. 30 /PRNewswire/ -- Boundless Technologies, Inc., a wholly owned subsidiary of Boundless Corporation (Nasdaq: BDL5), and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, is ranked 99th on the recently announced Fourth Annual Technology...

11/3,K/25 (Item 13 from file: 20)
DIALOG(R)File 20:World Reporter
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03579174 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BOUNDLESS: Boundless Technologies takes orders for new Viewpoint TC 3xx series
M2 PRESSWIRE
November 26, 1998
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1057

...technology
Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (NASDAQ: BDL5) and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, has introduced its Windows CE based Viewpoint TC 3xx series...

11/3,K/26 (Item 14 from file: 20)
DIALOG(R)File 20:World Reporter
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03579173 (USE FORMAT 7 OR 9 FOR FULLTEXT)

BOUNDLESS: Boundless Technologies and EDS provide more productive info access with thinclient apps

M2 PRESSWIRE

November 26, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 758

Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (NASDAQ: BDLS), and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, has been selected to participate in the EDS Network Computing...

11/3,K/27 (Item 15 from file: 20)

DIALOG(R)File 20:World Reporter

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03553545 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CYRIX: Cyrix and Boundless Technologies team for new Windowsbased terminal with MediaGX processor

M2 PRESSWIRE

November 24, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 538

... affordable Windows-based terminal. Boundless Technologies, a wholly-owned subsidiary of Boundless Corporation, is the **largest** US manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions.

11/3,K/28 (Item 16 from file: 20)

DIALOG(R)File 20:World Reporter

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03453351 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies and EDS Network Computing Services Provide More Productive Information Access with Thin-Client Applications

PR NEWSWIRE

November 16, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 797

... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDLS), and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, has been selected to participate in the EDS Network Computing...

11/3,K/29 (Item 17 from file: 20)

DIALOG(R)File 20:World Reporter

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03421366 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Boundless Technologies Takes Orders for New Viewpoint(R) TC 3xx Series; Windows(R)-Based Terminal IIAS Embedded Windows(R) CE, ICA and RDP

PR NEWSWIRE

November 12, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1043

... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDLS) and the **largest** U.S. manufacturer of **text** and **Windows** -based **terminals** and other thin-client solutions, has introduced its Windows(R) CE based Viewpoint(R) TC...

11/3,K/30 (Item 18 from file: 20)
DIALOG(R)File 20:World Reporter
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03318532 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Boundless Technologies Selects M-Systems DiskOnChip(R) Technology for Thin-Client Data Storage; Providing Computing Access Solutions for a Network-Centric World
PR NEWSWIRE
November 03, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 996

... PRNewswire/ -- Boundless Technologies, Inc., a wholly-owned subsidiary of Boundless Corporation (Nasdaq: BDL5), and the **largest** U.S. manufacturer of **text** and **Windows** (R)-based **Terminals** and other thin-client solutions, has selected the DiskOnChip(R) flash storage technology from M...

11/3,K/31 (Item 19 from file: 20)
DIALOG(R)File 20:World Reporter
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03302589 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Deloitte & Touche: Boundless Technologies Is One of Long Island's Leading Technology Companies
PR NEWSWIRE
November 02, 1998
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 461

... PRNewswire/ -- Boundless Technologies, Inc., a wholly owned subsidiary of Boundless Corporation (Nasdaq: BDL5), and the **largest** U.S. manufacturer of **text** and **Windows** (R)-based **Terminals** and other thin-client solutions, has been recognized by Deloitte & Touche LLP as the second...

11/3,K/32 (Item 20 from file: 20)
DIALOG(R)File 20:World Reporter
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02870536 (USE FORMAT 7 OR 9 FOR FULLTEXT)
BOUNDLESS TECHNOLOGIES: Boundless organises a power team for serverbased computing opportunities
M2 PRESSWIRE
September 18, 1998
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1060

...of strategic focus
Boundless Technologies, Inc., a wholly owned subsidiary of Boundless Corporation and the **largest** U.S. manufacturer of **Windows** -based and **text terminal** solutions, announced today it has assembled an experienced team of technology professionals to develop innovative...

11/3,K/33 (Item 21 from file: 20)
DIALOG(R)File 20:World Reporter
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02828246
Boundless Technologies Organizes a Power Team for Rapidly Expanding Server-Based Computing Opportunities

BUSINESS WIRE

September 16, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1356

... focus Boundless Technologies, Inc., a wholly owned subsidiary of Boundless Corporation (NASDAQ: BDL5) and the **largest** U.S. manufacturer of **Windows** (R)-based and **text terminal** solutions, announced today they have assembled an experienced team of technology professionals to develop innovative...

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File 2:INSPEC 1969-2001/Sep W1
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Comp&distr 2000 NTIS, Intl Cpyrght All Right
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File 34:SciSearch(R) Cited Ref Sci 1990-2001/Sep W1
(c) 2001 Inst for Sci Info
File 62:SPIN(R) 1975-2001/Aug W4
(c) 2001 American Institute of Physics
File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Jul
(c) 2001 The HW Wilson Co.
File 202:Information Science Abs. 1966-2001/ISSUE 06
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Set	Items	Description
S1	16695	(DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR ICON OR ICONS) (3N) (BOX? OR WINDOW?) OR WIDGET?
S2	16619390	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR - LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI- ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA- GNITUD? OR PROPORTION?
S3	9171069	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO- NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	4456846	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()- PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C- ONSOLE? OR TERMINAL?
S5	21249	(COMPUTER? OR PC) (3N) (LAPTOP OR PALM()TOP OR PALMTOP OR HA- ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK- ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA- L()INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	21149860	S2 OR S3
S7	1575	S6(5N)S1
S8	4456846	S4 OR S5
S9	54	S7(5N)S8
S10	47	RD (unique items)
S11	43	S10 AND PY<1999

11/3,K/1 (Item 1 from file: 108)
DIALOG(R) File 108:AEROSPACE DATABASE
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02204515 N95-26737

Enhanced visual user interface support for domain-oriented application composition systems

Master's Thesis

GUINTO, RICHARD A.

Air Force Inst. of Tech., Wright-Patterson AFB, OH. School of Engineering.

CORPORATE CODE: AI174479

Dec. 1994 122P.

NOTE: Limited Reproducibility: More than 20% of this document may be affected by microfiche quality

REPORT NO.: AD-A289337; AFIT/GCS/ENG/94D-06

1994

...User workload was reduced through window reordering, menu redesign, and Human Computer Interaction techniques such as; combining repetitive procedures into single commands, reusing composition information whenever possible...

11/3,K/2 (Item 1 from file: 8)
DIALOG(R) File 8:Ei Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

04872164 E.I. No: EIP97113935263

Title: Performance testing of communication protocols for three-tier computing: Results for ICA and X Window protocols

Author: Roberts, David C.; Grossman, David A.; Frieder, Ophir; Bernstein, Robert; Bishop, Eric

Corporate Source: Office of Information Technology, Washington, DC, USA

Conference Title: Proceedings of the 1997 6th International Conference on Computer Communications and Networks, ICCCN'97

Conference Location: Las Vegas, NV, USA Conference Date: 19970922-19970925

E.I. Conference No.: 47285

Source: Proceedings of the International Conference on Computer Communications and Networks, ICCCN 1997. IEEE, Piscataway, NJ, USA, 97TB100187. p 450-455

Publication Year: 1997

CODEN: 002473

Language: English

...Abstract: interface (Tier 3). Three protocols are available to communicate between Tier 2 and 3: Intelligence Computer Architecture (ICA) with and without data compression, and X Window. We measured the performance of the three protocols in a multi-user environment in which ...

11/3,K/3 (Item 2 from file: 8)
DIALOG(R) File 8:Ei Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

04044672 E.I. No: EIP95012522805

Title: 2-D fast kalman algorithms for adaptive parameter estimation of nonhomogeneous gaussian markov random field model

Author: Zou, C.R.; Plotkin, E.I.; Swamy, M.N.S.

Corporate Source: Concordia Univ, Montreal, Que, Can

Source: IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing 41 10 Oct 1994. p 678-692

Publication Year: 1994

CODEN: ICSPE5 ISSN: 1057-7130

Language: English

...Abstract: and L being respectively the total number of model parameters to be estimated and the **size of data window**. For **computer** simulation two sample images which obey two sets of known parameters are first synthesized, and...

11/3,K/4 (Item 3 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

02679585 E.I. Monthly No: EIM8811-059918
Title: PC-CAD/CAM FOR TOOL DESIGNERS.
Author: Lazear, T.
Corporate Source: T&W Systems Inc, Huntington Beach, CA, USA
Conference Title: Advanced Manufacturing Systems, Proceedings of the AMS '86 Exposition and Conference.
Conference Location: Chicago, IL, USA Conference Date: 19860624
E.I. Conference No.: 11620
Source: Publ by IFS Publ Ltd, Kempston, Engl, & Springer-Verlag, Berlin, West Ger & New York, NY, USA p 157-159
Publication Year: 1986
ISBN: 0-948507-34-9
Language: English

Identifiers: LOW-COST; **LARGE DATA BOXES** ; **PC** BASED CAM SYSTEMS;
HIGH PRODUCTIVITY GAINS; INCREASED PRODUCTIVITY; BETTER PRODUCTS

11/3,K/5 (Item 4 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

02216620 E.I. Monthly No: EI8706058753
Title: COMPENSATION OF RANDOM EYE MOTION IN TELEVISION OPHTHALMOSCOPY: PRELIMINARY RESULTS.
Author: De Castro, Ercole; Cristini, Giuseppe; Martelli, Alessandro; Morandi, Carlo; Vascotto, Marco
Corporate Source: Univ of Bologna, Italy
Source: IEEE Transactions on Medical Imaging v MI-6 n 1 Mar 1987 p 74-81
Publication Year: 1987
CODEN: ITMID4 ISSN: 0278-0062
Language: ENGLISH

...Abstract: confirm the robustness of the chosen approach, phase correlation. The effects of choices such as **computer word length** or **raw-data windowing** on system performance are also analyzed. 24 refs.

11/3,K/6 (Item 5 from file: 8)
DIALOG(R)File 8: Ei Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

01867883 E.I. Monthly No: EIM8505-024465
Title: STRATEGIES FOR CREATING AN EASY TO USE WINDOW MANAGER WITH ICONS.
Author: Myers, Brad A.
Corporate Source: Univ of Toronto, Dep of Computer Science, Toronto, Ont, Can
Conference Title: Proceedings - Graphics Interface '84.
Conference Location: Ottawa, Ont, Can Conference Date: 19840528
E.I. Conference No.: 06381
Source: Proceedings - Graphics Interface 1984. Available from Canadian Information Processing Soc, Toronto, Ont, Can p 227-233
Publication Year: 1984
CODEN: PGINEK ISSN: 0713-5424
Language: English

Identifiers: PERSONAL WORKSTATION (PERQ); SAPPHIRE WINDOW MANAGER;
COVERED WINDOWS ; POINTING DEVICE; ICONS ; EXTENDED SUMMARY

11/3,K/7 (Item 6 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

01455035 E.I. Monthly No: EIM8311-081222

Title: IMPROVING ENERGY PRODUCTIVITY THROUGH BUILDING SIMULATION.
Author: Henry, Walter E.
Corporate Source: Xenergy Inc
Conference Title: Advances in Energy Productivity (5th World Energy Engineering Congress).
Conference Date: 19820914
E.I. Conference No.: 03025
Source: Publ by Fairmount Press, Atlanta, Ga, USA p 413-416
Publication Year: 1982
ISBN: 0-915586-67-3
Language: English

Identifiers: COMMERCIAL SPACE; NATION BUILDING STOCK; COMPUTER ENERGY SIMULATION; SYSTEM SIZING ; TEMPERATURE SCHEDULES; BUILDING EQUIPMENT; CONSTRUCTION DATA ; WINDOW DATA /OVERHANGS; ENERGY SOURCE HEAT CONTENT; BUILDING LOAD DATA; HEAT RECOVERY

11/3,K/8 (Item 7 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

01414307 E.I. Monthly No: EI8312100143 E.I. Yearly No: EI83016604

Title: BUFFER ANALYSIS OF AN INTEGRATED VOICE AND DATA TERMINAL.
Author: Majithia, J. C.; Li, San-gi
Corporate Source: Univ of Guelph, Dep of Computing & Information Science, Guelph, Ont, Can
Source: Computer Communications v 6 n 4 Aug 1983 p 171-177
Publication Year: 1983
CODEN: COCOD7 ISSN: 0140-3664
Language: ENGLISH

...Abstract: analysis indicates the performance limits on the application imposed by the buffer size at the terminal and the large fluctuation of delay performance for data traffic. A window -type flow control for data traffic is also considered. By appropriately choosing the buffers in...

11/3,K/9 (Item 8 from file: 8)
DIALOG(R)File 8:EI Compendex(R)
(c) 2001 Engineering Info. Inc. All rts. reserv.

00132165 E.I. Monthly No: EI71X019232

Title: Spec microwave transistors fast.
Author: PERLOW, S. M.; BOSSARD, B. B.
Corporate Source: KMC Semiconductor Corp, Long Valley, NJ
Source: Microwaves v 9 n 7 July 1970 p 68-70
Publication Year: 1970
CODEN: MCRWA ISSN: 0026-2919
Language: ENGLISH

Abstract: S parameters are vector quantities which give magnitude and phase information of a "black box " with input and output terminals . In this instance, a microwave transistor is contained in the "black box". Because of...

11/3,K/10 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2001 ProQuest Info&Learning. All rts. reserv.

01117197 ORDER NO: AAD90-22321

**CONVENTIONAL AND MONTE CARLO BOX MODELS OF THE ATMOSPHERE: BUDGETS AND
LATITUDE PROFILES OF TRICHLOROFLUOROMETHANE, DICHLORODIFLUOROMETHANE,
METHYLCHLOROFORM, AND METHANE**

Author: SILZEL, JOHN WARWICK

Degree: PH.D.

Year: 1990

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, IRVINE (0030)

Source: VOLUME 51/03-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1178. 808 PAGES

Year: 1990

...compression to yield 2-D or 1-D models, with resolution in the
remaining dimensions **reduced** to that afforded by field **data** . These "
box models" require minimal **computer** resources, and offer enhanced
flexibility, yet may fit measured concentrations to within experimental
uncertainty for...

11/3,K/11 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5407064

Title: Memory loss [printer software]

Author(s): Carney, A.

Journal: Office Equipment News p.19

Publisher: Wilmington Publishing,

Publication Date: Sept. 1996 Country of Publication: UK

CODEN: OEINET

Material Identity Number: B509-96008

Language: English

Subfile: D

Copyright 1996, IEE

Abstract: Recent software developments have improved **data** transmission
from a **Windows** PC to a printer, **reducing** the amount of memory and
processing power needed. The Graphical Device Interface and Windows
Printing...

1996

11/3,K/12 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

4939614 INSPEC Abstract Number: C9506-6180G-005

**Title: The construction of a personal computer system without a
command-line interface**

Author(s): Maurer, W.D.

Author Affiliation: Dept. of Electr. & Comput. Eng., George Mason Univ.,
Fairfax, VA, USA

p.681-4

Editor(s): Zupancic, J.; Wrycza, S.

Publisher: Moderna Organizacija, Kranj, Slovenia

Publication Date: 1994 Country of Publication: Slovenia 744 pp.

Conference Title: Proceedings of ISD'94 - 4th International Conference on
Information Systems Development

Conference Date: 20-22 Sept. 1994 Conference Location: Bled, Slovenia

Language: English

Subfile: C

Copyright 1995, IEE

...Abstract: X Windows is gaining in popularity among Unix users; while the Macintosh, Amiga, and Atari **computers** have always had **window -icon -mouse** interfaces. A **window -icon** mouse system is always much **larger** than the corresponding command line interface system. Nevertheless, window-icon-mouse systems are so easy...

1994

11/3,K/13 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

4803429 INSPEC Abstract Number: A9423-8770E-019, B9412-7510D-010

Title: Classification of non-averaged EEG data by learning quantisation and the influence of signal preprocessing

Author(s): Flotzinger, D.; Pfurtscheller, G.; Neuper, C.; Berger, J.; Mohl, W.

Author Affiliation: Dept. of Med. Inf., Graz Univ. of Technol., Austria

Journal: Medical & Biological Engineering & Computing vol.32, no.5

p.571-6

Publication Date: Sept. 1994 Country of Publication: UK

CODEN: MBECDY ISSN: 0140-0118

U.S. Copyright Clearance Center Code: 0140-0118/94/\$7.50+0.00

Language: English

Subfile: A B

...Abstract: side of hand movement, and therefore also the reliability of the EEG-based Graz brain- **computer** interface. In addition to the **data** transformation, the **window size** and the position of the time window used for classification are also investigated.

1994

11/3,K/14 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

4709274 INSPEC Abstract Number: C9408-6115-019

Title: Choosing a visual programming tool

Author(s): Richards, D.

Journal: Info DB vol.8, no.1 p.13-21

Publication Date: Spring 1994 Country of Publication: USA

CODEN: IFDBEB ISSN: 0891-6004

Language: English

Subfile: C

...Abstract: products address: portability across multiple platforms and window managers; scripting language features; the world of **widgets** ; tool **extensibility** ; **workstation** application and data interchange (using Microsoft OLE, for example); support for team development; and inheritance ...

1994

11/3,K/15 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

04162521 INSPEC Abstract Number: C9207-6180G-018

Title: Object-oriented user interface

Author(s): Akiguchi, C.

Journal: Journal of the Institute of Electrical Engineers of Japan
vol.111, no.10 p.814-16

Publication Date: Oct. 1991 Country of Publication: Japan

CODEN: DGZAAW ISSN: 0020-2878

Language: Japanese

Subfile: C

...Abstract: personal computers. These are equipped with a bit map display, pointing device (mouse), high-performance **microprocessor**, **large** memory, and **window** system. Objective **information** is indicated visually as icons (graphic characters) by using the window system. Direct user interface...

1991

11/3,K/16 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03398884 INSPEC Abstract Number: B89043837
Title: The use of metallised glass windows for RFI shielding
Author(s): Clarke, L.T.
Author Affiliation: R&D Labs., Pilkington plc, Lathom, UK
Conference Title: Electromagnetic Compatibility and Microprocessor-Based Equipment (EMC 88) Seminar Proceedings (ERA 88-0013) p.5.2/1-14
Publisher: ERA Technol, Leatherhead, UK
Publication Date: Jan. 1989 Country of Publication: UK iv+228 pp.
ISBN: 0 7008 0382 3
Conference Date: 2 Feb. 1988 Conference Location: London, UK
Language: English
Subfile: B

...Abstract: may not satisfy the most demanding specifications such as TEMPEST; are nevertheless satisfactory for a **wide** range of applications from **windows** for **data** sensitive areas such as **computer** rooms, to RFI shielding cabinet doors and VDU faceplates.

1989

11/3,K/17 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03201694 INSPEC Abstract Number: C88051675
Title: Zenith Supersport 286: Pounds 3195; sporting chance
Author(s): Craven, S.
Journal: What Micro p.16-18
Publication Date: July 1988 Country of Publication: UK
CODEN: WHMID6 ISSN: 0264-441X
Language: English
Subfile: C

...Abstract: LCD which uses CGA standard as well as using double the normal dots to improve **text** display. An **expansion box** allows 3 full **size** IBM **PC** /XT compatible cards. The IMB of working RAM is expandable to 2 MB, an 80287...

1988

11/3,K/18 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03060546 INSPEC Abstract Number: C88013741
Title: MultiFinder for the Macintosh (multitasking OS)
Author(s): Williams, G.
Journal: BYTE vol.12, no.13 p.123-6, 128-30
Publication Date: Nov. 1987 Country of Publication: USA
CODEN: BYTEDJ ISSN: 0360-5280
Language: English
Subfile: C

...Abstract: operating system for its Macintosh computers, is yet another step in the growth of the **computer** that introduced the **increasingly** popular **icon / window /mouse/pull-down-menu** user interface. It adds both convenience (quick switching among applications in simultaneously visible windows) and...

1987

11/3,K/19 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02870836 INSPEC Abstract Number: C87029949

Title: ENABLE (integrated package)
Author(s): Saffady, W.
Journal: Computer Equipment Review vol.8, no.2 p.18-34
Publication Date: July-Dec. 1986 Country of Publication: USA
CODEN: CEQRDG ISSN: 0278-260X
Language: English
Subfile: C

...Abstract: application modules are linked by a Master Control Module which supports a variety of system- **wide** features, including file management, **windowing** , **menu** generation, macro creation, and a **PC** -DOS/MS-DOS interface. Each of its five application modules can successfully address a broad...

1986

11/3,K/20 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02870659 INSPEC Abstract Number: C87029758

Title: Concurrent PC DOS
Author(s): Rash, W., Jr.
Author Affiliation: American Manage. Syst. Inc., Arlington, VA, USA
Journal: BYTE vol.12, no.3 p.226-8
Publication Date: March 1987 Country of Publication: USA
CODEN: BYTEDJ ISSN: 0360-5280
Language: English
Subfile: C

...Abstract: PC DOS runs software written for both MS-DOS and CP/M-86 in a **menu** -driven **windowing** operating environment that provides **extensive** on-line help. Concurrent **PC** DOS version 5.0 (\$395) runs on the IBM PC, PC AT, and close compatibles...

1987

11/3,K/21 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02848204 INSPEC Abstract Number: C87025916

Title: Crosstalk XVI: the master of intercommunications
Author(s): Stuhr, M.
Journal: Micro no.8 p.50-2
Publication Date: Aug. 1986 Country of Publication: West Germany
CODEN: MICME2 ISSN: 0175-4750
Language: German
Subfile: C

...Abstract: there are two windows; a 'status' window showing some of the available functions and a '**terminal** ' window showing the **information** transmitted. The **large** order code facilitates several types of data communication. The program recognises the 'clear to send...

1986

11/3,K/22 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00513860 98CW11-204

Thin clients breaking corporate barrier

Jacobs, April

Computerworld , November 16, 1998 , v32 n46 p1, 26, 2 Page(s)

ISSN: 0010-4841

... of lower management costs, as well as the release of new products, have caused an **increase** in interest. Says International **Data** Corp. predicts that **Windows** -based **terminals** will outnumber network **computers** by 2 to 1 in the next few years. Cites Gartner Group Inc. analyst who...

1998

11/3,K/23 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00462249 97PM06-001

Bull -- Bill did tell his troops to make everything Web-like, but this can't possibly be what he meant

Somerson, Paul

PC/Computing , June 1, 1997 , v10 n6 p81, 1 Page(s)

ISSN: 0899-1847

1997

Descriptors: Consumer Information ; Window Software; Information Science; Lap- sized Microcomputer ; Bugs; Operating Systems; Microprocessor

11/3,K/24 (Item 3 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00429128 96CN07-006

Design and Management in a Word: Drawbase

Evans, Dale E

Cadence , July 1, 1996 , v11 n7 p72-74, 3 Page(s)

ISSN: 0887-9141

Company Name: Drawbase Software

Product Name: Drawbase

1996

Descriptors: Computer Aided Design; Data Base Management; Window Software; Software Review; Three-dimensional Graphics; Architecture; Mapping

11/3,K/25 (Item 4 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00366137 94PI11-030

Dell Latitude XP: notebook practice made perfect

Perenson, Melissa

PC Magazine , November 8, 1994 , v13 n19 p54, 1 Page(s)

ISSN: 0888-8507

Company Name: Dell Computer

Product Name: Dell Latitude XP 4100CX

1994

Descriptors: Lap- sized Microcomputer ; Hardware Review; PCMCIA;
Information Storage; Window Software; 80486; Color Display

11/3,K/26 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00358207 94PL08-009

Tool duel: Norton Desktop for Windows 3.0 vs. PC Tools for Windows 2.0
-- Utility programs can be lifesavers, helping you recover lost files or
drives. Rebecca referees the clash of the top utilities

Rohan, Rebecca

PC Laptop Computers Magazine , August 1, 1994 , v6 n8 p56-57, 2 Page(s)

ISSN: 1043-1314

Company Name: Symantec; Central Point Software

Product Name: Norton Desktop for Windows, The; PC Tools for Windows

1994

Descriptors: Utility Program; Software Review; Lap- sized
Microcomputer ; Window Software; Consumer Information ; Disk Files

11/3,K/27 (Item 6 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00357469 94HC08-003

Untie your PC and notebook: LapLink Wireless

Quain, John R

Home Office Computing , August 1, 1994 , v12 n8 p46-48, 2 Page(s)

ISSN: 0899-7373

Company Name: Traveling Software

Product Name: LapLink Wireless

1994

Descriptors: Wireless Communication; Software Review; Lap-sized
Microcomputer ; Data Transmission; Window Software

11/3,K/28 (Item 7 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00330175 93PL11-014

Remote control software

Maxwell, Kimberly

PC Laptop Computers Magazine , November 1, 1993 , v5 n11 p44-47, 4
Page(s)

ISSN: 1043-1314

Company Name: Microcom; Norton Lambert; Symantec; Triton Technologies

Product Name: Carbon Copy for Windows; Close-Up; pcANYWHERE for
Windows; CO/Session

1993

Descriptors: Remote Computing; Lap- sized Microcomputer ; Vendor
Guide; Software Review; Window Software; Data Communication

11/3,K/29 (Item 8 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00279554 92PX06-015

Computer Easy Draw for Windows

Estep, Jim G

PCM , June 1, 1992 , v9 n12 p56-57, 2 Page(s)
ISSN: 0747-0460
Company Name: ComputerEasy
Product Name: Computer Easy Draw for Windows

... at least 2MB of extended memory, a mouse, and at least a 16MHz 286-based PC . The program uses a standard **icon** -based **Windows** interface. . It offers a **large** number of features including a blender to blend two objects together, online help, onscreen rulers...

1992

11/3,K/30 (Item 9 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00265210 92PK01-203

Microsoft, DEC exploring NT version for Alpha chip
Sherer, Paul M; Zimmerman, Michael R
PC WEEK , January 20, 1992 , v9 n3 p1, 6, 2 Page(s)
ISSN: 0740-1604
Company Name: Microsoft; Digital Equipment Corp.
Product Name: Microsoft Windows NT; Alpha

1992

Descriptors: **Contract** ; **Compatibility**; **Corporate Information** ;
Window Software; **Microprocessor** ; **Strategy**

11/3,K/31 (Item 10 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00215554 89PC04-026

The first color laptop takes a bow NEC ProSpeed CSX
Desposito, Joseph
Personal Computing , April 27, 1990 , v14 n4 p148, 1 Pages
ISSN: 0192-5490

Presents a favorable review of NEC ProSpeed CSX (\$8,499), a color lap-sized **microcomputer** system, from NEC **Information Systems Inc. of Boxborough** , MA (312). The laptop comes with 2MB standard RAM, 40MB hard disk, 3.5-inch...

1990

11/3,K/32 (Item 11 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00208612 90MW01-032

Automating connectivity
Seiter, Charles
Macworld , January 1, 1990 , v7 n1 p131-135, 2 Pages
ISSN: 0741-8647

... ME (207) used its Automated Publishing System (APS) Report Generator to give the Mac a **window** on organization-wide **data** stored on **larger computers** . Says the application was developed for Maine's state-wide education budget. Includes one photo...

1990

11/3,K/33 (Item 12 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.
(c) 2001 Info. Today Inc. All rts. reserv.

00203562 89PK10-333

ADS bringing Windows line to OS/2 Menu system set for LAN Manager

Morrissey, Jane

PC WEEK , October 23, 1989 , v6 n42 p61, 63, 2 Pages

ISSN: 0740-1604

...for NetWare packages range in price from \$595 to \$605. The package is composed of **Windows Workstation Menu** , Print Manager and **Extensions** for LANs. Together, they cost \$1,195. Says that ADS choose to port the Windows...

1989

11/3,K/34 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-Eplus

(c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

02993957 JICST ACCESSION NUMBER: 96A0592985 FILE SEGMENT: JICST-E

Information Systems. X Window Terminal XMiNT CSF.

DOI YUTAKA (1); WATANABE FUMIAKI (1)

(1) Takaoka Electr. Mfg. Co., Ltd.

Takaoka Rebyu(Takaoka Review), 1996 , VOL.43,NO.2, PAGE.117-119, FIG.2,

TBL.1

JOURNAL NUMBER: Y0268AAS ISSN NO: 0385-9630

UNIVERSAL DECIMAL CLASSIFICATION: 681.325/.327

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

, 1996

...ABSTRACT: necessity for passing a large amount of voice and image data through networks. Handling such **large** amount of **data** requires the **X Window terminal** to have function that are powerful and compatible with thigh speed networks systems. The shthors...

11/3,K/35 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-Eplus

(c)2001 Japan Science and Tech Corp(JST). All rts. reserv.

01461314 JICST ACCESSION NUMBER: 92A0250380 FILE SEGMENT: JICST-E

Performance evaluation of an integrated voice and data LAN.

MORITA T (1); MOTOKI Y (1); SUZUKI T (1); MIYAMOTO T (2); AMADA E (2)

(1) Hitachi, Ltd., Kanagawa, JPN; (2) Hitachi, Ltd., Tokyo, JPN

Denshi Tokyo(Denshi Tokyo), 1991 , NO.29(1990), PAGE.45-49, FIG.5, REF.3

JOURNAL NUMBER: Y0773AAF ISSN NO: 0285-1903

UNIVERSAL DECIMAL CLASSIFICATION: 621.394/.395

LANGUAGE: English COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

, 1991

...ABSTRACT: to-end throughput and its characteristics are analyzed in this configuration to investigate an effective **data** transfer speed and **window size** between **terminals** . As a consequence, the authors see encouraging prospects for a multimedia network which integrates the...

11/3,K/36 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

1917372 NTIS Accession Number: N96-10316/3

World Wide Web 3D Browser for Surfing the Internet

(Final Report, 15 Dec. 1994 - 14 Jun. 1995)

Analysis and Simulation, Inc., Buffalo, NY.

Corp. Source Codes: 111462000; AU894521

Sponsor: National Aeronautics and Space Administration, Washington, DC.

Report No.: NAS 1.26:199156; ANSIM-95-45; NASA-CR-199156

14 Jun 95 104p

Languages: English

Journal Announcement: GRAI9602; STAR3401

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A02

Descriptors: Computer graphics; * **Computer** systems programs; *Human-**computer** interface; * **Information** retrieval; * **Windows** (**Computer** programs); *World **wide** web; Data bases; Data structures; Document markup languages; Hypertext

11/3,K/37 (Item 2 from file: 6)

DIALOG(R) File 6:NTIS

Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

1490014 NTIS Accession Number: PB90-158502

Proposal to Develop a NeWS Terminal

Davison, A. ; Simmins, A.

Queen Mary Coll., London (England). Dept. of Computer Science and Statistics.

Corp. Source Codes: 023846012

23 Oct 87 5p

Languages: English

Journal Announcement: GRAI9009

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC E04/MF E04

Identifiers: Foreign technology; *Workstations; *Interactive graphics; **Text** processing; Network **extensible** window system; **Computer** architecture; NTISDFMBR

11/3,K/38 (Item 3 from file: 6)

DIALOG(R) File 6:NTIS

Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

0545487 NTIS Accession Number: AD-A022 556/5/XAB

A Bandwidth Conserving Approach to Multiple Access Satellite Communication for Mobile Terminals

(Technical note)

White, B. E. ; Mersereau, R. M.

Massachusetts Inst of Tech Lexington Lincoln Lab

Corp. Source Codes: 207650

Sponsor: Naval Electronic Systems Command, Washington, D.C.; Electronic Systems Div., Hanscom AFB, Mass.

Report No.: TN-1975-26; ESD-TR-75-329

17 Dec 75 118p

Journal Announcement: GRAI7611

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A01

... basic approach is FDMA with QPSK modulated data streams individually modified by spectral shaping using **data** windows. From **extensive**

computer simulations it is concluded that with relatively little degradation 20 unsynchronized 16 kbps satellite users...

11/3,K/39 (Item 1 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2001 INIST/CNRS. All rts. reserv.

14129244 PASCAL No.: 99-0325387
Compatibility and interaction style in computer graphics
FITZMAURICE G W; BUXTON B
Alias-Wavefront Inc, Toronto Ont, Canada
Journal: Computer Graphics (ACM), 1998 , 32 (4) 64-68
Language: English

1998

English Descriptors: Interactive **widgets** ; Reviews; Three **dimensional computer** graphics; Interactive **computer** graphics; Mice (computer peripherals); Computer keyboards; Database systems; Data structures; Data reduction; APL (programming language...

11/3,K/40 (Item 2 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2001 INIST/CNRS. All rts. reserv.

13361020 PASCAL No.: 98-0089214
Report of a national neurosurgical emergency teleconsulting system.
Commentary
GRAY W P; SOMERS J; BUCKLEY T F; MARTIN-RODRIGUEZ J G comment; FRIEDMAN W A comment; MARSHALL L F comment; THOMAS D G T comment
Department of Neurosurgery, Cork University Hospital, Cork, Ireland;
Management Services, Southern Health Board, Cork, Ireland
Journal: Neurosurgery, 1998 , 42 (1) 103-108
Language: English

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1998

... fuse data from multiple exposures at different integration periods.
The system is based on personal **computers** using Microsoft **Windows** 3.11.
Data are transmitted on a **wide** -area network at 128 kilobits/s, over Integrated Systems Digital Network lines. The network connects...

11/3,K/41 (Item 3 from file: 144)
DIALOG(R)File 144:Pascal
(c) 2001 INIST/CNRS. All rts. reserv.

12744192 PASCAL No.: 96-0453621
Brains behind the brawn: developing data acquisition and control software
HOWELL J; MERRITT K
American Advantech Corp, Sunnyvale CA, United States
Journal: Sensors (Peterborough, NH), 1996 , 13 (9 1) 38-40
Language: English

1996

...English Descriptors: library; Application; Data acquisition; Computer software; Object oriented programming; Computer programming languages; Graphical user interfaces; **Computer** hardware; DOS; Display devices; Functions; **Data reduction** ; Software engineering; **Windows** ; Sensor **data** fusion; Theory

11/3,K/42 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2001 Inst for Sci Info. All rts. reserv.

06399073 Genuine Article#: YP927 No. References: 13
Title: Report of a national neurosurgical emergency teleconsulting system
Author(s): Gray WP (REPRINT) ; Somers J; Buckley TF
Corporate Source: SOUTHAMPTON GEN HOSP,DEPT CLIN NEUROSCI, S ACAD
BLOCK/SOUTHAMPTON SO16 6YD/HANTS/ENGLAND/ (REPRINT); CORK UNIV
HOSP,DEPT NEUROSURG/CORK//IRELAND//; SO HLTH BOARD,MANAGEMENT
SERV/CORK//IRELAND/
Journal: NEUROSURGERY, 1998 , V42, N1 (JAN), P103-107
ISSN: 0148-396X Publication date: 19980100
Publisher: WILLIAMS & WILKINS, 351 WEST CAMDEN ST, BALTIMORE, MD 21201-2436
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

, 1998
...Abstract: fuse data from multiple exposures at different integration periods. The system is based on personal **computers** using Microsoft **Windows** 3.11. **Data** are transmitted on a **wide** -area network at 128 kilobits/s, over Integrated Systems Digital Network lines. The network connects...

11/3,K/43 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2001 The HW Wilson Co. All rts. reserv.

1889841 H.W. WILSON RECORD NUMBER: BAST93042037
Graphical analysis in Windows
AUGMENTED TITLE: IDL for Windows
Schmalzel, John L;
IEEE Spectrum v. 30 (Aug. 1993) p. 15
DOCUMENT TYPE: Product Evaluation ISSN: 0018-9235

ABSTRACT: Taking powerful analysis and display capabilities from Unix- and VMS-based workstations, Interactive **Data** Language (IDL) for **Windows** , from Research Systems, **extends** these capabilities to the **PC** environment. The product is well suited to general engineering and scientific use. IDL requires 8...

1993

File 348:EUROPEAN PATENTS 1978-2001/Aug W04

(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20010823, UT=20010816

(c) 2001 WIPO/MicroPat

Set	Items	Description
S1	12373	(DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR ICON OR ICONS) (3N) (BOX? OR WINDOW?) OR WIDGET?
S2	1141837	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR - LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI- ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA- GNITUD? OR PROPORTION?
S3	1113109	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO- NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	402141	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()- PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C- ONSOLE? OR TERMINAL?
S5	9371	(COMPUTER? OR PC) (3N) (LAPTOP OR PALM()TOP OR PALMTOP OR HA- ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK- ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA- L() INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	1301142	S2 OR S3
S7	1722	S6(5N)S1
S8	402141	S4 OR S5
S9	1550	S7 AND S8
S10	99	S7(10N)S8
S11	3	AU="AMRO H Y":AU="AMRO HATIM YOUSEF"
S12	2	AU="DODSON J P" OR AU="DODSON JOHN PAUL"
S13	2	S11 AND S12
S14	8	S10 AND (IC=G06F-015/00 OR IC=G06F-003/14)
S15	60	S7(5N)S8

14/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00551273

Method and apparatus for graphic association of user dialog displays with primary applications in a data processing system.

Verfahren und Einrichtung zur graphischen Assoziierung von Anwenderdialoganzeigen mit den Hauptanwendungen in einem Datenverarbeitungssystem.

Procede et dispositif d'association graphique des fenetres de dialogue d'utilisateur et des applications primaires dans un systeme de traitement de donnees.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Keane, Patrick J., 4345 Woodglen, Grapevine, TX 76051, (US)

Richards, Justin James Campling, Mill House 2 Aspley Court - Hill Farm, Hatton Warwick CV35 7EH, (GB)

LEGAL REPRESENTATIVE:

de Pena, Alain (15151), Compagnie IBM France Departement de Propriete Intellectuelle, F-06610 La Gaude, (FR)

PATENT (CC, No, Kind, Date): EP 508927 A2 921014 (Basic)
EP 508927 A3 941117

APPLICATION (CC, No, Date): EP 92480027 920226;

PRIORITY (CC, No, Date): US 683381 910410

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/023; G06F-003/14 ; G06F-009/44

ABSTRACT EP 508927 A2

A method and apparatus for the graphic association of a user dialog display with its primary application in a data processing system. A unique miniature graphic representation, or icon, is created for each primary application within a data processing system which has a plurality of primary applications simultaneously active therein. Thereafter, each time a user dialog for a selected primary application is displayed within a window, a copy of the unique miniature graphic representation of the selected primary application is displayed, in a normally unused portion of the user dialog window, thereby permitting a user to readily identify the association between the user dialog window and its underlying primary application. In a depicted embodiment of the present invention, the selection of a unique miniature graphic representation within a user dialog window, by means of a graphic pointing device, will result in the creation of a textual display identifying the primary application by name. (see image in original document)

ABSTRACT WORD COUNT: 160

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 921014 A2 Published application (Alwith Search Report ;A2without Search Report)

Examination: 930421 A2 Date of filing of request for examination: 930218

Change: 941026 A2 Obligatory supplementary classification (change)

Search Report: 941117 A3 Separate publication of the European or International search report

Examination: 961113 A2 Date of despatch of first examination report: 961001

Withdrawal: 980128 A2 Date on which the European patent application was withdrawn: 971203

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	361
SPEC A	(English)	EPABF1	2293

Total word count - document A 2654
Total word count - document B 0
Total word count - documents A + B 2654
...INTERNATIONAL PATENT CLASS: **G06F-003/14**

...SPECIFICATION the display in order to receive inputs.

Another change which the enhanced power of modern **computer** systems makes possible is the **increased** utilization of "user **dialogs** ," or pop-up **windows** which are used by **computer** applications to gather additional information from users. Examples of common user dialog windows are "file open," "file save," "file print," "font selection," "color selection," and "page setup." The **increased** utilization of such user **dialog windows** has resulted in an attempt by modern **computer** system architects to utilize common dialogs wherever possible. That is, the "page setup" user dialog...

14/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00489889

Bus architecture for a multimedia system
Busarchitektur fur ein Multimediansystem
Architecture de bus pour un systeme multimedia
PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (Proprietor designated states: all)

INVENTOR:

Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, Florida
33414, (US)

Freeman, Bobby Joe, 1381 SW 29th Avenue, Boynton Beach, Florida 33426,
(US)

Suarez, Gustavo Armando, 21482 Woodchuck Lane, Boca Raton, Florida 33428,
(US)

Wilkie, Bruce James, 15635 Lindbergh Lane, West Palm Beach, Florida 33414
, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual
Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 493881 A2 920708 (Basic)

EP 493881 A3 921230

EP 493881 B1 950920

EP 493881 B2 000426

APPLICATION (CC, No, Date): EP 91310693 911120;

PRIORITY (CC, No, Date): US 625577 901211

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: **G06F-003/14** ; G09G-005/00

CITED PATENTS (EP A): US 4947257 A

CITED PATENTS (EP B): EP 137761 A; EP 139569 A; EP 376376 A; WO 87/00658 A;
DE 4006271 A; US 4334288 A; US 4468738 A; US 4947257 A

CITED REFERENCES (EP A):

OPERATING SYSTEMS REVIEW (SIGOPS) vol. 24, no. 2, April 1990, NEW YORK US
pages 19 - 33 , XP000140421 ANDY HOPPER 'PANDORA - AN EXPERIMENTAL
SYSTEM FOR MULTIMEDIA APPLICATIONS';

CITED REFERENCES (EP B):

OPERATING SYSTEMS REVIEW (SIGOPS), vol. 24, no. 2, April 1990, New York,
US, pages 19-33, XP000140421, ANDY HOPPER: "PANDORA - AN EXPERIMENTAL
SYSTEM FOR MULTIMEDIA APPLICATIONS";

ABSTRACT EP 493881 A2

An information handling apparatus for transferring and composing image signals for display. The apparatus includes a bus adapted to allow selective access for multiple independent image signals generated by respective independent image sources. The selective access enables composition of the independent image signals in response to control information; the composition enables real time display of a composed

image signal. (see image in original document)

ABSTRACT WORD COUNT: 66

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Amended: 20000426 B2 Amended patent
Application: 920708 A2 Published application (Alwith Search Report
;A2without Search Report)
Amended: 20000426 B2 Date of patent maintained as amended:
20000426
Examination: 921223 A2 Date of filing of request for examination:
921022
Search Report: 921230 A3 Separate publication of the European or
International search report
Examination: 940817 A2 Date of despatch of first examination report:
940704
Grant: 950920 B1 Granted patent
Oppn: 960814 B1 Opposition 01/960620 Deutsche ITT Industries
GmbH Patentabteilung; Hans-Bunte-Strasse 19;
D-79108 Freiburg; (DE)
02/960620 Interessengemeinschaft fur
Rundfunkschutzrechte GmbH
Schutzrechtsverwertung & Co. KG; Bahnstrasse
62; D-40210 Dusseldorf; (DE)
*Oppn: 980819 B1 Opposition (change) 01/960620 MICRONAS
INTERMETALL GmbH; Postfach 840; 79008 Freiburg;
(DE)
02/960620 Interessengemeinschaft fur
Rundfunkschutzrechte GmbH
Schutzrechtsverwertung & Co. KG; Bahnstrasse
62; 40210 Dusseldorf; (DE)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200017	480
CLAIMS B	(German)	200017	499
CLAIMS B	(French)	200017	604
SPEC B	(English)	200017	12384
Total word count - document A			0
Total word count - document B			13967
Total word count - documents A + B			13967

INTERNATIONAL PATENT CLASS: G06F-003/14 ...

...SPECIFICATION handling information which is stored in media system
memory 66, receives the user defined composition **characteristics** . Media
control module **microprocessor** 62 then generates control **information**
such as switching coordinate information and window priority information
which is transmitted via the media...

14/5,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00489888

Multimedia system
MultimedienSystem
Systeme multimedia
PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,
Armonk, N.Y. 10504, (US), (Proprietor designated states: all)

INVENTOR:

Dinwiddie, John Monroe, Jr., 112 Pacer Circle, West Palm Beach, Florida
33414, (US)
Freeman, Bobby Joe, 1381 SW 28th Avenue, Boynton Beach, Florida 33426,

(US)

Suarez, Gustave Armando, 21482 Woodchuck Lane, Boca Raton, Florida 33428,

(US)

Wilkie, Bruce James, 15635 Lindbergh Lane, West Palm Beach, Florida 33414

, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. (52152), IBM United Kingdom Limited Intellectual

Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 492795 A2 920701 (Basic)

EP 492795 A3 921230

EP 492795 B1 950920

EP 492795 B2 000426

APPLICATION (CC, No, Date): EP 91310692 911120;

PRIORITY (CC, No, Date): US 625564 901211

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-003/14 ; G09G-005/00

CITED PATENTS (EP A): US 4947257 A

CITED PATENTS (EP B): EP 137761 A; EP 139569 A; EP 376376 A; WO 87/00658 A;
DE 4006271 A; US 4334288 A; US 4468738 A; US 4947257 A

CITED REFERENCES (EP A):

OPERATING SYSTEMS REVIEW (SIGOPS) vol. 24, no. 2, April 1990, NEW YORK US
pages 19 - 33 , XP000140421 ANDY HOPPER 'PANDORA - AN EXPERIMENTAL
SYSTEM FOR MULTIMEDIA APPLICATIONS'

IBM TECHNICAL DISCLOSURE BULLETIN. vol. 32, no. 11, April 1990, NEW YORK
US pages 195 - 198 , XP000097669 'PRIORITIZING VIDEO PIXEL SELECTION';

CITED REFERENCES (EP B):

OPERATING SYSTEMS REVIEW (SIGOPS) vol. 24, no. 2, April 1990, NEW YORK
US, pp. 19-33, XPP000140421, A. HOPPER: 'PANDORA - AN EXPERIMENTAL
SYSTEM FORMULTIMEDIA APPLICATIONS'

IBM TECHNICAL DISCLOSURE BULLETIN, vol. 32, no. 11, April 1990, NEW YORK
US, pp. 195-198, XP000097669, 'PRIORITIZING VIDEO PIXEL SELECTION';

ABSTRACT EP 492795 A2

An information handling apparatus for transferring and composing image
signals including a plurality of media sources configured to provide a
corresponding plurality of image signals, a media bus connected to the
media sources, and a media control module coupled to the media bus. The
media bus allows selective access for the plurality of image signals. The
selective access enables composition of the independent image signals in
response to control information. The media control module receives a
composed image signal from the media bus and to provides the composed
image signal to a display device. (see image in original document)

ABSTRACT WORD COUNT: 101

NOTE:

Figure number on first page: 1

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 010228 B2 Date of lapse of European Patent in a
contracting state (Country, date): GB
19991120,

Amended: 20000426 B2 Amended patent

Application: 920701 A2 Published application (A1with Search Report
;A2without Search Report)

Amended: 20000426 B2 Date of patent maintained as amended:
20000426

Examination: 921223 A2 Date of filing of request for examination:
921022

Search Report: 921230 A3 Separate publication of the European or
International search report

Examination: 940817 A2 Date of despatch of first examination report:
940704

Grant: 950920 B1 Granted patent

Oppn: 960814 B1 Opposition 01/960620 Deutsche ITT Industries
GmbH Patentabteilung; Hans-Bunte-Strasse 19;
D-79108 Freiburg; (DE)
02/960620 Interessengemeinschaft fur
Rundfunkschutzrechte GmbH
Schutzrechtsverwertung & Co. KG; Bahnstrasse

62; D-40210 Dusseldorf; (DE)
*Oppn: 980819 B1 Opposition (change) 01/960620 MICRONAS
INTERMETALL GmbH; Postfach 840; 79008 Freiburg;
(DE)
02/960620 Interessengemeinschaft für
Rundfunkschutzrechte GmbH
Schutzrechtsverwertung & Co. KG; Bahnstrasse
62; 40210 Dusseldorf; (DE)

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200017	414
CLAIMS B	(German)	200017	408
CLAIMS B	(French)	200017	484
SPEC B	(English)	200017	12373
Total word count - document A			0
Total word count - document B			13679
Total word count - documents A + B			13679

INTERNATIONAL PATENT CLASS: **G06F-003/14** ...

...SPECIFICATION stored in media system memory 66, receives the user
defined composition characteristics. Media control module **microprocessor**
62 then generates control information **such** as switching coordinate
information and window priority information which is transmitted
via the media control channel of media bus 24 to the media...

14/5,K/4 (Item 4 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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00452947

ROBOTIC INTERFACE
ROBOTISCHE SCHNITTSTELLE
INTERFACE ROBOTIQUE
PATENT ASSIGNEE:

THE PERKIN-ELMER CORPORATION, (671593), Applied Biosystems Division 850
Lincoln Centre Drive, Foster City California 94404, (US), (applicant
designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

GUIREMAND, Harry, A., 454 Second Avenue, Half Moon Bay, CA 95019, (US)

LEGAL REPRESENTATIVE:

West, Alan Harry et al (37493), R.G.C. Jenkins & Co. 26 Caxton Street,
London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 496785 A1 920805 (Basic)
EP 496785 A1 930303
EP 496785 B1 970326
WO 9106050 910502

APPLICATION (CC, No, Date): EP 90915596 901016; WO 90US6000 901016

PRIORITY (CC, No, Date): US 423785 891017

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: **G06F-003/14** ; B25J-009/16

CITED PATENTS (WO A): US 4959799 A; US 4549275 A; US 4965743 A; US 4860204
A; US 4613946 A; US 4642780 A

CITED REFERENCES (EP A):

PROCEEDINGS 1987 FALL JOINT COMPUTER CONFERENCE - EXPLORING TECHNOLOGY :
TODAY AND TOMORROW October 25-29, 1987, DALLAS, TEXAS, US pages 129 -
137 TADAO ICHIKAWA AND MASAHITO HIRAKAWA 'Visual Programming - Toward
Realization of User-Friendly Programming Environments';

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Lapse: 20000126 B1 Date of lapse of European Patent in a
contracting state (Country, date): BE
19970326, CH 19970326, LI 19970326, DK
19970326, GR 19970326,

Application: 920805 A1 Published application (A1with Search Report
 ;A2without Search Report)
 Lapse: 20000209 B1 Date of lapse of European Patent in a
 contracting state (Country, date): BE
 19970326, CH 19970326, LI 19970326, DK
 19970326, GR 19970326, LU 19971031,
 Examination: 920805 A1 Date of filing of request for examination:
 920514
 Search Report: 930303 A1 Drawing up of a supplementary European search
 report: 930109
 Examination: 950712 A1 Date of despatch of first examination report:
 950529
 Change: 960110 A1 Representative (change)
 *Assignee: 960110 A1 Applicant (transfer of rights) (change): THE
 PERKIN-ELMER CORPORATION (671593) Applied
 Biosystems Division 850 Lincoln Centre Drive
 Foster City California 94404 (US) (applicant
 designated states:
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
 *Assignee: 960110 A1 Previous applicant in case of transfer of
 rights (change): APPLIED BIOSYSTEMS, INC.
 (671591) 777 Lincoln Centre Drive Foster City
 California 94404 (US) (applicant designated
 states:
 AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)
 Grant: 970326 B1 Granted patent
 Lapse: 971203 B1 Date of lapse of the European patent in a
 Contracting State: BE 970326
 Lapse: 980121 B1 Date of lapse of the European patent in a
 Contracting State: BE 970326, CH 970326, LI
 970326
 Lapse: 980121 B1 Date of lapse of the European patent in a
 Contracting State: BE 970326, CH 970326, LI
 970326
 Oppn None: 980318 B1 No opposition filed
 Lapse: 980408 B1 Date of lapse of the European patent in a
 Contracting State: BE 970326, CH 970326, LI
 970326, DK 970326

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	1056
CLAIMS B	(German)	EPAB97	1137
CLAIMS B	(French)	EPAB97	1214
SPEC B	(English)	EPAB97	7579
Total word count - document A			0
Total word count - document B			10986
Total word count - documents A +B			10986

INTERNATIONAL PATENT CLASS: G06F-003/14 ...

...SPECIFICATION in the dispense function.

In programs other than Proto, such as programs prepared in Apple
Computer 's Hypercard application or in Microsoft's Windows program,
expanding a symbol results in a **window** floating over the **icon** , and
 the network representation, if any, appears as though the window is in a
 separate...

14/5,K/5 (Item 5 from file: 348)
 DIALOG(R)File 348:EUROPEAN PATENTS
 (c) 2001 European Patent Office. All rts. reserv.

00384134

MULTI-WINDOW COMMUNICATION SYSTEM
UBERTRAGUNGSSYSTEM MIT MEHREREN BILDAUSSCHNITTEN
SYSTEME DE COMMUNICATION MULTIFENETRE

PATENT ASSIGNEE:

FUJITSU LIMITED, (211460), 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi,
Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

OBATA, Akihiko, 1-10-3, Inokashira, Mitaka-shi, Tokyo 181, (JP)
KAMATA, Hajime, 201 Daisan-Nakahara Bldg., 1285, Shimokodanaka,
Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)
YANO, Katsutoshi, 7-12-28, Higashi-oizumi, Nerima-ku, Tokyo 178, (JP)
ADACHI, Motomitsu, 3-5-1, Nakakaigan, Chigasaki-shi, Kanagawa 253, (JP)

LEGAL REPRESENTATIVE:

Lehn, Werner, Dipl.-Ing. et al (7471), Hoffmann Eitle, Patent- und
Rechtsanwalte, Postfach 81 04 20, 81904 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 378697 A1 900725 (Basic)

EP 378697 B1 970903

WO 8912859 891228

APPLICATION (CC, No, Date): EP 89907286 890619; WO 89JP611 890619

PRIORITY (CC, No, Date): JP 88149975 880620; JP 88233502 880920

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/033; **G06F-003/14**

CITED PATENTS (WO A): DE 3520285 A; GB 2139042 A; US 4714918 A

CITED REFERENCES (EP A):

See also references of WO8912859;

CITED REFERENCES (WO A):

IEEE Communications Magazine, Volume 24, No. 7, July 1986, IEEE, (New
York, US), K. HASUI et al.: "Man-Machine Interfaces in Office
Communication Systems", pages 18-23;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900725 A1 Published application (A1with Search Report
;A2without Search Report)

Examination: 900725 A1 Date of filing of request for examination:
900215

Examination: 930526 A1 Date of despatch of first examination report:
930414

Grant: 970903 B1 Granted patent

Oppn None: 980826 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9708W5	1544
CLAIMS B	(German)	9708W5	1431
CLAIMS B	(French)	9708W5	1853
SPEC B	(English)	9708W5	7974
Total word count - document A			0
Total word count - document B			12802
Total word count - documents A + B			12802

...INTERNATIONAL PATENT CLASS: **G06F-003/14**

...SPECIFICATION receives signals such as a window screen scroll
confirmation request to and from the other **terminal** . Window management
means 14 maintains a **window** management **data** such as vertical **width**
and horizontal width of respective window frames in RAM and performs a
window frame change...

14/5,K/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2001 European Patent Office. All rts. reserv.

00371641

Remote display control

Ferngesteuerte Anzeige

Dispositif de commande d'affichage a distance

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,

Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:

Callaway, Janet Roberts, 11509 Toledo Drive, Austin Texas 78759, (US)
McConaughy, John Mark, 11307 Deadoak Lane, Austin Texas 78759, (US)
Pancoast, Steven Taylor, 9612 Grand Oak Drive, Austin Texas 78750, (US)
Thompson, Joan Marie, 6200 Eubank NE No.1721, Albuquerque New Mexico
87111, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
Intellectual Property Department Hursley Park, Winchester Hampshire
SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 375141 A2 900627 (Basic)
EP 375141 A3 920304
EP 375141 B1 960828

APPLICATION (CC, No, Date): EP 89311676 891110;

PRIORITY (CC, No, Date): US 287751 881219

DESIGNATED STATES: DE; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-003/14

CITED PATENTS (EP A): EP 117281 A; US 4646261 A

CITED REFERENCES (EP A):

IBM TECHNICAL DISCLOSURE BULLETIN. vol. 32, no. 4B, November
1989, NEW YORK US pages 100 - 101; 'METHOD OF ELIMINATING TRANSMISSION
OF EXCESS DISPLAY DATA';

ABSTRACT EP 375141 A2

There is disclosed a display unit associated with a remote computer system communicating with a host computer system. Information, which is currently being displayed on the display unit and information to be displayed thereon are compared to determine any differences which exist therebetween. If the differences exceed a predetermined value, a update command is generated and transmitted by the host computer system to the remote computer system along with the information to be displayed if facilitate the updating of the display unit. If the differences do not exceed the predetermined value, it is determined which of a plurality change categories should be used to transmit the differences to the remote system in the most efficient manner. An update command, which is associated with the selected one of the plurality of change categories, and data representing the differences are then enqueued for transmission to the remote system to facilitate the updating of the display unit.

(see image in original document)

ABSTRACT WORD COUNT: 163

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 900627 A2 Published application (Alwith Search Report
;A2without Search Report)
Change: 900718 A2 Representative (change)
Examination: 901219 A2 Date of filing of request for examination:
901025
Search Report: 920304 A3 Separate publication of the European or
International search report
Change: 920513 A2 Representative (change)
Examination: 940817 A2 Date of despatch of first examination report:
940705
Grant: 960828 B1 Granted patent
Lapse: 970423 B1 Date of lapse of the European patent in a
Contracting State: DE 961129
Lapse: 970806 B1 Date of lapse of the European patent in a
Contracting State: DE 961129, FR 970124
Oppn None: 970820 B1 No opposition filed
Lapse: 971015 B1 Date of lapse of the European patent in a
Contracting State: DE 961129, FR 970124, GB
961128
Lapse: 991020 B1 Date of lapse of European Patent in a
contracting state (Country, date): DE
19961129, FR 19970124, GB 19961128, IT
19960828,

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	1543
CLAIMS B	(German)	EPAB96	1504
CLAIMS B	(French)	EPAB96	1709
SPEC B	(English)	EPAB96	4388
Total word count - document A			0
Total word count - document B			9144
Total word count - documents A + B			9144

INTERNATIONAL PATENT CLASS: **G06F-003/14**

...SPECIFICATION 48, the area is then stored in the window cache buffer 48 and the display **data** which comprises the **window** is then **compressed** and queued for transmission to the remote **computer** 14. Upon receipt of the display data by the remote computer 14, a command containing...

14/5,K/7 (Item 1 from file: 349)
 DIALOG(R)File 349:PCT Fulltext
 (c) 2001 WIPO/MicroPat. All rts. reserv.

00320370

APPARATUS AND METHOD FOR PROJECTION UPON A THREE-DIMENSIONAL OBJECT APPAREIL ET PROCEDE DE PROJECTION SUR UN OBJET TRIDIMENSIONNEL

Patent Applicant/Assignee:

THE WALT DISNEY COMPANY

Inventor(s):

MONROE Marshall M

Patent and Priority Information (Country, Number, Date):

Patent: WO 9307561 A1 19930415

Application: WO 92US8626 19921009 (PCT/WO US9208626)

Priority Application: US 91776075 19911011

Designated States: JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

Main International Patent Class: **G06F-003/14** ;

International Patent Class: G06F-015/20;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12862

English Abstract

A projection apparatus and method for realistic projection with applications to amusement, optical engineering, video shopping and cosmetics. Graphics data is entered into a user interface (32, 42, 52) and is processed to generate an output (24) representing an image to be projected onto a three-dimensional object (12). This output controls a light filter (68), such as a plurality of optically superposed color composite liquid crystal panels, to selectively filter projected light so that an image having a desired appearance is projected upon the object (12). The projected image may be interactively modified, stored in memory and projected as part of an image sequence to create apparent motion in the object.

Japanese Abstract

Appareil et procede de projection permettant des projections realistes et presentant des applications dans les attractions, l'ingenierie optique, le shopping en video et les cosmetiques. On introduit des donnees graphiques dans une interface d'utilisateur (32, 42, 52) et on les traite afin de generer une sortie (24) representant une image a projeter sur un objet tridimensionnel (12). Cette sortie commande un filtre de lumiere (68), tel qu'une pluralite de panneaux a cristaux liquides composites en couleur superposes optiquement, afin de filtrer selectivement de la lumiere projetee de maniere qu'une image ayant une apparence voulue est projetee sur l'objet (12). L'image projetee peut etre modifiee de maniere interactive, memorisee et projetee sous la forme d'une partie de sequence

d'images afin de conferer a l'objet un mouvement apparent.

Main International Patent Class: **G06F-003/14** ;

Fulltext Availability:

Claims

Claim

```
... console).nLines >= linesInWindow) (**console).selEnd =  
  (**console).lineStarts [(**console).nLines - linesInWindow + 1];  
  (**console).selStart = 0; TDelete(console); (**console) . selEnd =  
  (**console) . teLength; (**console).selStart = (**console  
  ).teLength; TInsert(text,length ,console ); ClosePolhemusWindowo /*  
  ready window for text stream...
```

TEDispose(console);

SetUpWindowo

/* Create the Polhemus Window, and open it.

Rect d, v;

dragRect = screenBits.bounds;

SUBS...

14/5,K/8 (Item 2 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00276155

ROBOTIC INTERFACE

INTERFACE ROBOTIQUE

Patent Applicant/Assignee:

APPLIED BIOSYSTEMS INC

Inventor(s):

GUIREMAND Harry A

Patent and Priority Information (Country, Number, Date):

Patent: WO 9106050 A1 19910502

Application: WO 90US6000 19901016 (PCT/WO US9006000)

Priority Application: US 89423785 19891017

Designated States: AT BE CH DE DK ES FR GB GR IT JP LU NL SE

Main International Patent Class: **G06F-003/14** ;

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 9265

English Abstract

An automated apparatus (11) is programmed to perform a process by arranging a sequence of first icons (69) on a display (15) in the order of the process, wherein the first icons (69) represent functions of the apparatus (11), and wherein at least one of the first icons (69) provides a visual representation of a function of the apparatus (11). Said at least one of the first icons can be expanded to show second icons (81) that comprise the function of said at least one of the first icons (69), and at least one of the second icons (81) provides a visual representation of a subfunction of the apparatus (11). In a preferred mode, when said at least one of the first icons (69) is expanded, said at least one of the first icons (69) maintains its same sequential relationship on the display (15) to the other of the first icons (69) in the sequence as before it was expanded.

Japanese Abstract

On programme un appareil automatise (11) de sorte qu'il effectue un procede, en disposant une sequence de premiers pictogrammes (69) sur un ecran (15) dans l'ordre du procede. Les premiers pictogrammes (69) representent les fonctions de l'appareil (11) et au moins un parmi eux est une representation visuelle d'une fonction de l'appareil (11). Au

moins un de ces premiers pictogrammes peut etre agrandi afin qu'il presente des deuxiemes pictogrammes (81) qui constituent la fonction d'au moins l'un desdits premiers pictogrammes (69), et au moins un des deuxiemes pictogrammes (81) est une representation visuelle d'une sous-fonction de l'appareil (11). Dans un mode de realisation prefere, lorsqu'au moins un des premiers pictogrammes (69) est agrandi, il garde, par rapport a l'autre des premiers pictogrammes (69) de la sequence, la meme position sequentielle qu'il avait a l'ecran (15) avant d'etre agrandi.

Main International Patent Class: G06F-003/14 ;

Fulltext Availability:

Detailed Description

Detailed Description

... in the dispense function.

In programs other than Proto, such as programs prepared in Apple **Computer** 's Hypercard application or in Microsoft's Windows program, **expanding** a symbol results in a **window** floating over the **icon** , and the network representation, if any, appears as though the window is in a separate...

13/5,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

01029600

Method and apparatus for interacting with hardware devices remotely
Verfahren und Vorrichtung zur Ferninteraktion mit Hardware-Einrichtungen
Procede et dispositif permettant une interaction a distance avec des
dispositifs cables

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
10504, (US), (applicant designated states:
AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Amro, Hatim Yousef , 15024 Wells Port, Austin, Texas 78728, (US)
Dodson, John Paul , 510 Tanner Trail, Pflugerville, Texas 78660, (US)

LEGAL REPRESENTATIVE:

Burt, Roger James, Dr. et al (52152), IBM United Kingdom Limited
Intellectual Property Department Hursley Park, Winchester Hampshire
SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 917052 A1 990519 (Basic)

APPLICATION (CC, No, Date): EP 98309279 981112;

PRIORITY (CC, No, Date): US 971737 971117

DESIGNATED STATES: DE; FR; GB; IE

INTERNATIONAL PATENT CLASS: G06F-009/44;

ABSTRACT EP 917052 A1

A method and apparatus for allowing a user to receive information from as well as program a device from a remote location via the Internet or other communication network. A device capable of being programmed using well known and understood protocols is connected to a computer which is coupled to a server having an HTML page for relaying information pertaining to the device and/or retrieving instructions for programming the device. A user having a laptop or other remote computer downloads the HTML page via the Internet, or other network, and is able to retrieve information concerning the status of the remote device as well as program certain characteristics.

ABSTRACT WORD COUNT: 109

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 990519 A1 Published application (A1with Search Report
;A2without Search Report)

Change: 990915 A1 Legal representative(s) changed 19990727

Examination: 991201 A1 Date of request for examination: 19991005

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9920	194
SPEC A	(English)	9920	4791
Total word count - document A			4985
Total word count - document B			0
Total word count - documents A + B			4985

INVENTOR:

Amro, Hatim Yousef ...

...US)

Dodson, John Paul ...

13/5,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2001 European Patent Office. All rts. reserv.

00930560

Accessing television program information
Fernsehprogramminformationszugriff

Acces a l'information de programmes de television

PATENT ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION, (200123), , Armonk, NY
10504, (US), (applicant designated states:
BE;CH;DE;ES;FR;GB;IE;IT;LI;NL)

INVENTOR:

Dodson, John Paul , 510 Tanner Trail, Pflugerville, Texas 78660, (US)
Amro, Hatim Yousef , 15024 Wellsport, Austin, Texas 78728, (US)

LEGAL REPRESENTATIVE:

Davies, Simon Robert (75451), I B M UK Intellectual Property Department
Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

PATENT (CC, No, Kind, Date): EP 848554 A2 980617 (Basic)
EP 848554 A3 981021

APPLICATION (CC, No, Date): EP 97309853 971208;

PRIORITY (CC, No, Date): US 764693 961211; US 764694 961211; US 764695
961211

DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IE; IT; LI; NL

INTERNATIONAL PATENT CLASS: H04N-007/173

ABSTRACT EP 848554 A2

The present invention relates to a system and method for accessing television program information, particularly context sensitive information, some of which may be found through the Internet. Program information on a television 100 may be interactively displayed by receiving a request for program information; displaying program information 200; receiving a search request for additional information regarding the television program; generating at least one automatic search term for a search for the additional information regarding the program, the at least one search term being displayed overlaid on a program being received by the television 300; searching the Internet for the requested information; obtaining a result of the search; and saving the result in a memory 102 coupled with the television.

ABSTRACT WORD COUNT: 120

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 980617 A2 Published application (A1with Search Report
;A2without Search Report)

Search Report: 981021 A3 Separate publication of the European or
International search report

Change: 981021 A2 Obligatory supplementary classification
(change)

Examination: 990512 A2 Date of filing of request for examination:
990317

Change: 990630 A2 Designated Contracting States (change)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9825	765
SPEC A	(English)	9825	3635
Total word count - document A			4400
Total word count - document B			0
Total word count - documents A + B			4400

INVENTOR:

Dodson, John Paul ...

...US)

Amro, Hatim Yousef ...

File 16:Gale Group PROMT(R) 1990-2001/Sep 04
(c) 2001 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2001/Sep 04
(c)2001 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2001/Sep 04
(c) 2001 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2001/Sep 04
(c) 2001 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2001/Sep 05
(c) 2001 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2001/Sep 04
(c) 2001 The Gale group
File 211:Gale Group Newsearch(TM) 2001/Sep 04
(c) 2001 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2001/Aug 31
(c) 2001 The Gale Group

Set	Items	Description
S1	151428	(DIALOG? OR DATA OR TEXT OR INFORMATION OR MENU OR MENUS OR ICON OR ICONS) (3N) (BOX? OR WINDOW?) OR WIDGET?
S2	15167874	RESIZ? OR SIZ? OR MAXIM? OR BIG? OR LARGE? OR ENLARGE? OR - LENGTH? OR STRETCH? OR WIDTH? OR HEIGHT? OR EXTEN? OR DIMENSI- ON? OR WIDE? OR EXPAN? OR INCREAS? OR OVERSIZ? OR WIDE? OR MA- GNITUD? OR PROPORTION?
S3	8907701	COMPRESS? OR LIMIT? OR SHRINK? OR REDUC? OR DECREAS? OR CO- NDENS? OR CONTRACT? OR DIMINISH? OR MINIMIZ?
S4	6496096	COMPUTER? OR MICRO()COMPUTER? OR MICROCOMPUTER? OR MICRO()- PROCESSOR? OR MICROPROCESSOR OR PC OR PCU OR WORKSTATION OR C- ONSOLE? OR TERMINAL?
S5	222539	(COMPUTER? OR PC) (3N) (LAPTOP OR PALM()TOP OR PALMTOP OR HA- ND()HELD OR NOTEBOOK OR NOTE()BOOK OR TABLET? OR PALM OR POCK- ET OR PALMPILOT OR THINKPAD OR WATCH OR HPC OR PIM OR PERSONA- L() INFORMATION()MANAGER OR PAD OR NOTEPAD OR PEN)
S6	6496096	S4 OR S5
S7	9937	S2 (5N) S1
S8	2866	S3 (5N) S1
S9	12241	S7 OR S8
S10	456	S9 (5N) S6
S11	28	S10/TI,DE,AB
S12	18	RD (unique items)

12/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

06091231 Supplier Number: 53628234 (USE FORMAT 7 FOR FULLTEXT)
WTS gets pricing overhaul: after users and resellers protest, Microsoft reduces client licensing cost. (Windows Terminal Server) (Product Information)
Spooner, John G.
PC Week, v16, n4, p37(1)
Jan 25, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 451

WTS gets pricing overhaul: after users and resellers protest, Microsoft reduces client licensing cost. (Windows Terminal Server) (Product Information)

12/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

04482563 Supplier Number: 46580364
Growing pains: a dud at its birth, Windows NT is back as networking force.
The Wall Street Journal, pA1
July 29, 1996
Language: English Record Type: Abstract
Document Type: Newspaper; General Trade

ABSTRACT:
...functions of machines and designed to operate a variety of machines, from high-end desktop **computers** to refrigerator-sized data repositories. According to International **Data Corp.**, in 1995, **Windows NT** possessed 18.7% of all server operating-system shipments. For the year ended June...

12/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

02949344 Supplier Number: 43990164
Mac WordPerfect to gain parity with PC versions
PC Week, p29
July 26, 1993
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Tabloid; General Trade

ABSTRACT:
...The Macintosh interface will feature the button bars, ruler bars, and status bars of its **PC** cousins and **reduces** the number of **dialog boxes** needed to edit documents. The ruler bars in WorkPerfect 3.0 for the Macintosh offer...

12/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

02809890 Supplier Number: 43775477
Software Gargantuans at the Gate
Newsday, p41
April 14, 1993
Language: English Record Type: Abstract
Document Type: Newspaper; Trade

ABSTRACT:

...NT should hit the market in a few months. Unicenter supplies business-management systems for **large** and small **computers**, while **Windows** provides different **information** choices on a single screen. The joint effort marks a move by Computer Associates International...

12/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

01847640 Supplier Number: 42339192
Data Packets: Cisco Systems, Inc.
Network World, p13
Sept 2, 1991
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...terminal servers to communicate at high speeds via serial lines with remote X Window System **terminals**. The software **compresses** X Window **information**, allowing it to be sent 10X faster than the Serial Line Internet Protocol, which is...

12/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2001 The Gale Group. All rts. reserv.

01031256 Supplier Number: 41132869
X-window stations access Unix and IBM mainframes
Machine Design, p36
Jan 25, 1990
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

...X-windows and IBM terminal emulations from the same station. The station uses a 68020 **microprocessor** for fast **text**, **windowing** and 2-**dimensional** graphics. The station bridges the gap between DEC, IBM and Unix environments.
...

12/3,K/7 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01606541
Avionics: Integrated comms offered for EFA.
FLIGHT INTERNATIONAL April 4, 1987 p. 371

...V/UHF radios. As currently envisaged, the Iris system would consist of a compact 2-**box** Jtids, **terminal** for **data** and **limited** voice, 2 V/UHF radios for clear and secure voice and data, and a communications...

12/3,K/8 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01007056
SOFTWARE: UNIX-compatible networking operating system provides virtual-file access.
Mini Micro Systems March, 1984 p. 11-214

... any network. The firm's uNETix features multiple active windows, with the capability of transmitting data directly from window -to-window, expansion, and contraction. This allows a PC-DOS-based application package to be in 1 window while a UNIX-based package operates ...

12/3,K/9 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

09130018 SUPPLIER NUMBER: 18905879
CAD industry embraces NT. (computer-aided design, manufacturing increasingly relies on Microsoft Windows NT software)
Machlis, Sharon
Design News, v51, n23, p23(2)
Nov 18, 1996
ISSN: 0011-9407 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: on one machine, instead of having both a workstation and a personal computer. Using one computer saves money. International Data Corp. expects Windows NT to increase its market share in CAD-CAM systems from 4% in 1995 to 38% in 2000.

12/3,K/10 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2001 The Gale Group. All rts. reserv.

06444843 SUPPLIER NUMBER: 13720144 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Diagnostic utility software. (Software Review) (includes related articles on how products were tested, executive summary, rules for networking, all-purpose utilities, easing configuration problems) (Evaluation)
Angus, Jeff; Nash, Siobhan
InfoWorld, v15, n18, p64(8)
May 3, 1993
DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 9800 LINE COUNT: 00825

...ABSTRACT: best overall rating; QAPLUS/Win combines Windows and DOS utilities, while WinSleuth Gold gives a wide variety of Windows information with a convenient interface. PC Doctor is highly successful at DOS-only diagnosis tasks but displays some misinformation about setup...

12/3,K/11 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06352040 SUPPLIER NUMBER: 13709595
PC Tools strengths drawn from competition. (Central Point Software Inc.'s PC Tools for Windows) (Software Review) (Evaluation)
Lindquist, Christopher
Computerworld, v27, n13, p39(2)
March 29, 1993
DOCUMENT TYPE: Evaluation ISSN: 0010-4841 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: to Norton Desktop's 45), and file management is facilitated by instant access to .ZIP compressed files. Although PC Tools for Windows lacks text editor and calculator functions, these are minor drawbacks in an otherwise excellent product.

12/3,K/12 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

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06220011 SUPPLIER NUMBER: 13832300 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Finding out more from box office data. (Market Research and the Arts)
Tomlinson, Roger
Journal of the Market Research Society, v34, n4, p389(16)
Oct, 1992
ISSN: 0025-3618 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 4880 LINE COUNT: 00397

...ABSTRACT: will be useful in market analysis. Surveys and mailing list preference questionnaires can only provide **limited information**. With **computerized box** office systems, arts marketeers can be sure that the patron data that they are using...

12/3,K/13 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04122513 SUPPLIER NUMBER: 07790302 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ADS bringing Windows line to OS/2: menu system set for LAN Manager.
(Automated Design Systems Inc.) (product announcement)
Morrissey, Jane
PC Week, v6, n42, p61(2)
Oct 23, 1989
DOCUMENT TYPE: product announcement ISSN: 0740-1604 LANGUAGE:
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 530 LINE COUNT: 00044

...ABSTRACT: will port its Windows Workstation LAN menuing system from NetWare to Microsoft's LAN Manager. **Windows Workstation** includes the **Menu**, Print Manager and **Extensions** for LANs modules, priced at \$595 to \$695 each for NetWare. OS/2 has proven...

12/3,K/14 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.
(c) 2001 The Gale Group. All rts. reserv.

04625429 SUPPLIER NUMBER: 20165685
The lightweight portable frontier. (choosing a notebook computer) (Industry Trend or Event) (Column)
Howard, Bill
PC Magazine, v17, n3, p97(1)
Feb 10, 1998
DOCUMENT TYPE: Column ISSN: 0888-8507 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 824 LINE COUNT: 00061

ABSTRACT: People who use a portable **computer** to create **data** need a **Windows** machine with a full-size keyboard, a display at least 10 inches in diameter, and hard-disk storage. Those who...

12/3,K/15 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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04045476 SUPPLIER NUMBER: 15031819 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The soul of a social machine. (technology will be defined by what it connects us to, not by what it processes) (interview with Institute for the Future director Paul Saffo) (Interview)
Schuster, Judy
Electronic Learning, v13, n5, p16(2)
Feb, 1994
DOCUMENT TYPE: Interview ISSN: 0278-3258 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1357 LINE COUNT: 00100

...ABSTRACT: used by the educational establishment for drill and practice when they should be providing a **window** on **larger information** worlds. Saffo thinks **microcomputers** should be eliminated and opines that future devices will be defined by what they connect...

12/3,K/16 (Item 1 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
(c) 2001 The Gale Group. All rts. reserv.

01868087 SUPPLIER NUMBER: 17753204

Where is the extra RAM? (Synchronys Softcorp's SoftRAM95 fails to increase PC performance as promised) (Product Information)

Gillmor, Dan

San Jose Mercury News, p1D(2)

Nov 18, 1995

ISSN: 0747-2099 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: 95 or Windows 3.x platforms. Synchronys claims the product doubles RAM memory available to **Windows** applications using **data compression** technology. PC Magazine claims the product does not increase system resources or memory under Windows 3.x...

12/3,K/17 (Item 2 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01497592 SUPPLIER NUMBER: 11868769 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Simple SCSI servers: Central Data's expansion boxes provide device expandability with SCSI simplicity. (Small Computer Systems Interface; Central Data Corp.'s SCSI Terminal Servers for HP Apollo 700 workstations) (Product Watch) (Product Announcement)

Miller, David

HP Professional, v6, n1, p22(1)

Jan, 1992

DOCUMENT TYPE: Product Announcement ISSN: 0896-145X LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 529 LINE COUNT: 00042

Simple SCSI servers: Central Data's expansion boxes provide device expandability with SCSI simplicity. (Small Computer Systems Interface; Central Data Corp.'s SCSI Terminal Servers for HP Apollo 700 workstations) (Product...

12/3,K/18 (Item 3 from file: 275)
DIALOG(R) File 275:Gale Group Computer DB(TM)
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01410204 SUPPLIER NUMBER: 11004918

Forest & Trees pools information; two 'Providers' extract information into customizable reports. (Channel Computing Inc.'s executive information system) (Software Review) (evaluation)

Angus, Kevin

LAN Times, v8, n12, p1(2)

June 17, 1991

DOCUMENT TYPE: evaluation ISSN: 1040-5917 LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: remote Structured Query Language (SQL) servers, which can often be located on mini- or mainframe **computers**. F&T offers a **menu**-driven, **windowed** interface that adds a new **dimension** to the phrase 'user-friendly'; its online help facility is particularly well designed. It